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Harold Eckhart

RATES
OF
PUBLIC UTILITIES
IN WISCONSIN
—
PART I
ELECTRIC RATES
—

A Compilation of Rates in Force November 10, 1916

—
PUBLISHED BY THE
RAILROAD COMMISSION OF WISCONSIN



MADISON
DEMOCRAT PRINTING COMPANY, STATE PRINTER
1917



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MEMBERS
OF THE
RAILROAD COMMISSION OF WISCONSIN

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HAROLD L. GEISSE

Secretary.

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PART I

ELECTRIC RATES

EXPLANATORY NOTE:

The schedules as set forth in this publication have been compiled from the lawful rate schedules filed with the Commission. It will be noted that the rates are classified as Commercial Lighting, Commercial Power, and Street Lighting. Of the rules and regulations, only those which directly affect the charges paid by the consumers have been included. They relate to the practice of the utility in connecting consumer's premises with the line, prompt payment discounts, penalties for delinquent payments, charges for reconnecting the same consumer on the same premises, and the ownership of meters.

Although many of the schedules have been revised and adjusted since the publication of the rates in 1912, there are still some schedules which contain unjustly discriminatory features. These inequalities are being eliminated as rapidly as feasible.

The population of the municipalities is taken from the 1910 census, no later authentic figures being available.



RATE SCHEDULES

As in Force November 10, 1916

ABBOTSFORD.

(Population 947)

ABBOTSFORD ELECTRIC COMPANY.

Method of generation, oil engines.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$1.00.

Residence, 15 cts. per kw-hr.

Business places, 12 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

2—60 watt, 220 volt, d. c. multiple tungsten lamps burning upon an all-night moonlight schedule. Rate \$36 per lamp per year.

6—150 watt, 220 volt, d. c. multiple tungsten lamps burning upon an all-night moonlight schedule. Rate \$72 per lamp per year.

ORNAMENTAL:

None.

ADAMS.

(Population ———)

FRIENDSHIP ELECTRIC LIGHT & POWER COMPANY.

(See Friendship for commercial rate schedule.)

Street Lighting.

GENERAL:

22—80 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps burning on a moonlight all-night schedule. Rate \$28 per lamp per year.

9—100 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight all-night schedule. Rate \$34.25 per lamp per year.

ORNAMENTAL:

None.

AFTON.

(Population 115)

J. HOLMES & SON.

Method of generation, water power.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$1.00.

First 8 kw-hr. per month 12½ cts. per kw-hr.

All above 8 kw-hr., 10 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

3—40 watt, 112 volt, d. c. multiple tungsten lamps burning on a moonlight midnight schedule. Rate \$10 per lamp per year.

ORNAMENTAL:

None.

ALBANY.

(Population 669)

ALBANY ELECTRIC LIGHT & MILLING COMPANY.

Method of generation, hydraulic and gas.

Daily operating period, dusk to 11 p. m.

Commercial Lighting.**METER RATES:**

Minimum charge per month, 85 cts.

Current, 10 cts. per kw-hr.

FLAT RATES:

\$1.00 per month for 120 watts.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

2—5.5 ampere, 110 volt, a. c. multiple carbon arc lamps burning on an every-night dusk to 11 p. m. schedule. Rate \$42 per lamp per year.

12—40 watt, 110 volt, a. c. multiple tungsten lamps burning on an every-night dusk to 11 p. m. schedule. Rate \$7.20 per lamp per year.

58—40 watt, 110 volt, a. c. multiple carbon incandescent lamps burning on an every-night dusk to 11 p. m. schedule. Rate \$7.20 per lamp per year.

ORNAMENTAL:

None.

ALGOMA.

(Population 2,082)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

Minimum bill, 50 cts. per month.

Current, 11 cts. per kw-hr.

All meters shall be owned and installed by the customer.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

7—6.6 ampere, 72 volt, a. c. multiple carbon arcs burning on an all-night moonlight schedule. Rate \$85 per lamp per year.

7—150 watt, 110 volt, a. c. multiple tungsten lamps burning on an all-night moonlight schedule. Rate \$28.20 per lamp per year.

25—300 watt, 110 volt, a. c. multiple gas filled tungsten lamps burning on an all-night moonlight schedule. Rate \$85 per lamp per year.

9—60 watt, 110 volt, a. c. multiple tungsten lamps burning on an all-night moonlight schedule. Rate \$12.96 per lamp per year.

ORNAMENTAL:

None.

ALLENTON.

(Population 600)

RUPLINGER WEISS HARDWARE COMPANY.

Method of generation, gasoline.

Daily operating period, continuous.

Commercial Lighting.

METER RATES:

Minimum charge per month, \$1.00.

½ ct. per 16 c. p. lamp-hour (10 cts. per kw-hr.)

FLAT RATES:

\$0.75 to \$1.00 per month for two or three 16 c. p. lamps.

Meters are owned by the utility.

A charge of from \$2 to \$5, according to the amount of line, is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

8—40 watt, 57 volt, tungsten lamps burning on a dusk to 10:30 p. m. moonlight schedule. Flat charge of \$60 per year for all street lighting.

ORNAMENTAL:

None.

ALMA.

(Population, 1,011.)

ALMA ELECTRIC LIGHT CO.

Method of generation, steam.

Daily operating period, dusk to midnight.

Commercial Lighting.

METER RATES:

Minimum charge \$1.00 per month.

Current, 10 cts. per kw-hr. with the following discounts:

| | | | | |
|----------------------|--------|-----------|-----|-----------|
| When bill amounts to | \$5.00 | per month | 10% | discount. |
| " | " | 10.00 | " | 20% |
| " | " | 15.00 | " | 30% |
| " | " | 20.00 | " | 40% |

FLAT RATES:

Stores, 40 cts. per month for each 16 c. p. carbon or 40 watt tungsten.

Saloons, 60 cts. per month for each 16 c. p. carbon or 40 watt tungsten.

Residence, 50 cts. per month for each 16 c. p. carbon or 40 watt tungsten.

Residence, bedrooms, 25 cts. per month for each 8 c. p. carbon or 25 watt tungsten.

Lodge rooms, 10 cts. per month for each 16 c. p. carbon or 40 watt tungsten.

Churches, special, according to what is used.

Company does not charge consumer for connecting building to line.

Customer owns meter, or can rent one at 25 cts. per month from company.

Street Lighting.

GENERAL:

24—40 watt, 220 volt, d. c. multiple tungsten lamps burning on a midnight moonlight schedule. Rate \$7.20 per lamp per year.

14—60 watt, 220 volt d. c. multiple tungsten lamps burning on a midnight moonlight schedule. Rate \$7.20 per lamp per year.

22—100 watt, 110 volt, d. c. multiple tungsten lamps burning on a midnight moonlight schedule. Rate \$15.00 per lamp per year.

ORNAMENTAL:

None.

ALMA CENTER.

(Population 417)

WISCONSIN-MINNESOTA LIGHT & POWER COMPANY.

Method of generation, hydraulic and transmission.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$1.00.

12½ cts. per kw-hr. for the first 50 hours' use of the active connected load, 8 cts. per kw-hr. for the next 50 hours' use and 4½ cts. per kw-hr. for the balance.

ACTIVE LOAD.

Class A. Where the total connected load is equal to or less than 500 watts nominal rated capacity, 60% of such total connected load shall be termed active. Where the installation exceeds 500 watts nominal rated capacity, 33⅓% of such part of the total connected load over and above 500 watts shall be termed active.

Class B. In this class 80% of the total connected load shall be termed active, except sign and window lighting, 100% of which are active.

Class C. In this class 55% of the total connected load shall be deemed active.

CLASSIFICATION OF SERVICE.

Class A. Dwelling rooms; flat; rooming house (private); residence.

Class B. Bank, barber shop, billiard hall, card rooms, depot, dress-making parlors, express company, garage, halls, laundry, offices, post office, store or restaurant, saloon, theater, telephone company, telegraph company, sign, show case or similar advertising purpose windows.

Class C. Asylum, armory, blacksmith, church, convent, club rooms, factory, hotel, hospital, heating plant, lodge hall, livery stable, public building, rooming house, school, warehouse.

Commercial Power.

Minimum charge per month \$1.00 on installations of 1 h. p. or less.

Minimum charge of 75 cts. per h. p. per month on installations of more than 1 h. p.

75 cts. per h. p. per month and 2 cts. per kw-hr. used for installations of 20 h. p. or over. 6 cts. per kw-hr. for the first 50 hours' use of maximum demand and 3 cts. per kw-hr. for all in excess for installations of less than 20 h. p. The term maximum demand is herein used to mean the rated capacity of motors or motor in horse power multiplied by 746 watts.

Whenever motors and lights shall be connected upon the same meter, a minimum charge will be made as above for both motors and lights.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

17—60 c. p., 7.5 ampere, a. c. series gas filled tungsten lamps burning all night, every night. Rate \$24 per lamp per year.

ORNAMENTAL:

None.

ALMOND.

(Population 487)

ALMOND ELECTRIC COMPANY.

Method of generation, oil engines.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month \$1.00.

First 50 kw-hr. per month 15 cts. per kw-hr.

Next 50 " " " 12½ cts. " "

" 50 " " " 10 cts. " "

Penalty of 10% added to bill if not paid by the 15th of the month following that in which the current was consumed.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

24—150 watt, 220 volt, d. c. multiple tungsten lamps burning on a dusk to 11 p. m. every-night schedule. Rate \$30 per lamp per year.

1—500 c. p. gas filled tungsten lamp, same burning schedule as above, \$60 per year.

ORNAMENTAL:

None.

ALTOONA.

(Population 824)

WISCONSIN-MINNESOTA LIGHT & POWER COMPANY

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

METER RATES:

Minimum charge per month, \$1.00.

Current, 12½ cts. per kw-hr. for the first 50 hours' use of the active connected load. 8 cts. per kw-hr. for the next 50 hours' use, and 4½ cts. per kw-hr. for the balance.

ACTIVE LOAD.

Class A. Where the total connected load is equal to or less than 500 watts nominal rated capacity, 60% of such total connected

load shall be termed active. Where the installation exceeds 500 watts nominal rated capacity, 33⅓% of such part of the total connected load over and above 500 watts shall be termed active.

Class B. In this class 80% of the total connected load shall be termed active, except sign and window lighting, 100% of which are active.

Class C. In this class 55% of the total connected load shall be deemed active.

CLASSIFICATION OF SERVICE.

Class A. Dwelling rooms, flat, rooming house, private residence.

Class B. Bank, barber shop, billiard hall, card rooms, depot, dress-making parlors, express company, garage, halls, laundry, offices, post office, store or restaurant, saloon, theater, telephone company, telegraph company, sign, show case or similar advertising purpose, windows.

Class C. Asylum, armory, blacksmith, church, convent, club rooms, factory, hotel, hospital, heating plant, lodge hall, livery stable, public building, rooming house, school, warehouse.

Flaming Arc Lamps. The company will furnish current at the regular price per kw-hr. for lighting service, but consumer shall purchase and install such lamps at his own expense and furnish or pay to the company the cost price of all carbons used in this operation.

Commercial Power.

6 cts. per kw-hr. for the first 50 hours' use of the maximum demand, and 3 cts. per kw-hr. for all in excess of this amount. The term "maximum demand" is understood to be the rated capacity of the motors connected, times 746 watts.

Minimum Bill. The minimum power bill will be 75 cts. per h. p. per month as above determined where more than 1 h. p. is installed. On installations of 1 h. p. or less the minimum bill is \$1.00 per month.

Whenever motors and lights shall be connected up on the same meter, a minimum charge will be made as above for both motors and lights.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

36—60 c. p., 75 ampere, a. c. series gas filled tungsten lamps burning all night, every night. Rate \$24 per lamp per year.

ORNAMENTAL:

None.

AMERY.

(Population, 659.)

AMERY ELECTRIC COMPANY.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly charge, \$1.00.

BUSINESS PLACES:

| | | | | |
|----------|-----------|-----------|---------|------------|
| First | 50 kw-hr. | per month | 12 cts. | per kw-hr. |
| Next | 50 | " | 8 cts. | " |
| All over | 100 | " | 6 cts. | " |

RESIDENCES:

First 50 kw-hr. per month 12 cts. per kw-hr.

All over 50 " " " 6 cts. " "

Electric Stoves:

5 cts. per kw-hr.

Discount of 10% on all of above rates if bill is paid by 10th of the month.

Commercial Power.

Motors of 10 h. p. and under:

Minimum monthly charge, 75 cts. per h. p.

First 200 kw-hr. per month 6 cts. per kw-hr.

All over 200 " " " 3 cts. " "

Discount of 10% if bill is paid by the 10th of the month.

Municipal Power.

15 h. p. motor for pumping water, day service, 3¼ cts. net per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

19—80 c. p. and 48—60 c. p. 6.6 ampere, series a. c. gas filled tungsten lamps burning on an all-night every-night schedule. Rate: First 1000 kw-hr. per month 6 cts. per kw-hr., all over 1000 kw-hr. per month 3 cts. per kw-hr.

Discount of 10 % if bill is paid by the 10th of the month.

ORNAMENTAL:

None.

AMHERST.

(Population, 629.)

B. E. DWINELL & CO.

Method of generation, hydraulic.

Daily operating period, dusk to midnight and 5 a. m. to daylight;

7 a. m. to 12 noon on Monday, Tuesday and Thursday.

Commercial Lighting.**METER RATES:**

Minimum bill, \$1.25 per month, which includes meter rent.

Current, 10 cts. per kw-hr.

Meter rent, 25 cts. per month.

FLAT RATES:

50 cts. per month per 16 c. p. lamp or equivalent.

Special rate of \$1.50 per evening to opera house up to 12 o'clock.

After 12 o'clock a charge of \$1.00 per hour is made.

No discount.

Meters are owned by the utility.

Consumers pay actual cost of connecting premises with lines.

Street Lighting.**GENERAL:**

15—400 c. p. 6.6 ampere a. c. series gas filled tungsten lamps burning on a moonlight midnight schedule. Rate \$38 per lamp per year.

ORNAMENTAL:

None.

ANTIGO.

(Population, 7,196.)

ANTIGO ELECTRIC CO.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.**1. STANDARD LIGHTING RATE.****METER RATES:**

For all lighting service furnished under the classification herein referred to—including appliances for heating or power used from our single phase lines passing through the same meter and measured by means of meters owned and installed by the Antigo Electric Co., the following charges shall apply:

Primary Rate. 12 cts. per kw-hr. for the first 30 hours' use per month or less of the active connected load.

Secondary Rate. 9 cts. per kw-hr. for the next 30 hours' use per month or less of the active connected load.

Excess Rate. 6 cts. per kw-hr. for all over sixty hours' use per month of the active connected load.

The active connected load shall in each case be a fixed percentage of the total connected load, consisting of lamps and appliances, etc., installed upon the customer's premises, and as shown in the following classifications:

Class A. This class shall include residences, dwellings, flats, private rooming and boarding houses and where the total connected load is equal to or less than 500 watts, 60% of such total connected load shall be considered active; where the total connected load exceeds 500 watts, 33½% of the excess over and above 500 watts shall be considered active.

Class B. 60% of the total connected load shall be considered active. This class shall include banks, city and county buildings, churches, federal buildings, factories (including machine shops, blacksmith shops, tin shops, cigar factories, wood working establishments, and other manufacturing establishments closing not later than 6 p. m.), freight and storage warehouses, garages, hotels, public, private and parochial schools.

Class C. 75% of the total connected load shall be considered active. This class shall include bakeries, barber shops, barns (private and livery), breweries, bowling alleys, book and notion stores, crockery and china stores, corridors and halls in office and apartment buildings when on a separate meter, candy and fruit stores, clothing and furnishing stores, dry goods stores, dressmaking shops, drug stores, depots, express offices, electrical supply stores, flour and feed stores, furniture stores, grocery stores, grain elevators, dance and public halls, hair dressing and manicure parlors, harness shops, hardware stores, jewelry stores, laundries, meat markets, millinery stores, music stores, moving picture shows, offices (commercial, professional and private), opera houses, photograph studios, plumbing shops, printing shops, restaurants, roller skating rinks, shoe stores and repair shops, second-hand stores, stationery stores, tailor shops, tea and coffee stores, tobacco and cigar stores, telephone offices, and all other consumers not otherwise specifically provided for in this schedule.

Class D. 80% of the total connected load shall be deemed active. This class shall consist of card and club rooms, lodge halls, pool and billiard halls, saloons, department stores.

Class E. The total connected load shall be considered active. This class will consist of flaming arc lamps used for street decorations, general street decorative lighting, signs, outline and window lighting.

Minimum Bill. Minimum bill shall be 75 cts. per month.

Discount. A cash discount of 5% will be allowed on all bills made under the standard schedule, if paid on or before the 15th of the month following the date of bill.

Discontinuance of Service and Re-connection of Meters. In all cases where the bill for the preceding month's service has not been paid by the 20th, the service shall be discontinued and the meter removed without further notice. For the re-installation of the meter and re-connecting the service for the same customer on the same premises, a charge of \$1.00 will be made and must be made in advance.

2. OPTIONAL LIGHTING RATES.

METER RATES:

The minimum charge for lighting service under meter rates shall be 75 cts. per month.

A cash discount of 5% will be allowed on all lighting bills if paid before the 15th of month following date of bill.

This company shall furnish and install all meters at their own expense, which meters shall remain the property of the company and may be removed by them at their option.

General Lighting. For (110) lighting service, per kilowatt hour used in one month:

| | |
|------------------------------|--------------------|
| First 100 kw-hrs. | 10 cts. per kw-hr. |
| Second 100 " | 9 " " " |
| Third 100 " | 8 " " " |
| Fourth 100 " | 7 " " " |
| Fifth 100 " | 6 " " " |
| All over the above amounts.. | 5 " " " |

Sign Rate. All signs will be operated on a separate meter at the rate of 6 cts. per kw-hr., subject to the above minimum and discount.

Cooking Rate. A separate meter will be installed on all electric cook stove services and a rate of 4 cts. per kw-hr. will apply, subject to a cash discount of 5% if paid on or before the 15th of month following the date of bill. Minimum \$1.00 per month.

3. BREAK-DOWN OR EMERGENCY COMMERCIAL LIGHTING SERVICE

Service Charge. \$1.50 per month per active kw. The amount of the active load shall be computed upon the basis of the percentage shown in the classification of the standard lighting rate.

Energy Charge. First 500 kw-hr. per month 6 cts. per kw-hr. All above 500 kw-hr. per month 4 cts. per kw-hr.

Discount of 5% on all bills if paid before the 15th of the month following that for which service was rendered.

FLAT RATES:

All Tungsten Lamp Installation. \$1.25 per month for each 100 watts installed. The minimum installation under this rate shall not be less than 100 watts and shall be subject to the following rules:

1. The customer is to furnish all wiring and lamps operating under this contract and to renew same at his own expense when necessary.
2. Lamps so operating shall only be burned when necessary.
3. All lamps shall be cut off when the places in which they are installed are closed up for the night.
4. Installations operating under this rate shall be subject to the inspection of the Antigo Electric Co's representatives at any and all times.
5. The Antigo Electric Co. reserves the right to cancel this rate and discontinue the service at any time the customer may attach additional lamps, substitute lamps of greater wattage,

or add any appliances without giving due notice to the company. Fans and all other electrical apparatus will not be figured in installations of this class but must be paid for extra at regular schedule rates.

Store Window Lights. \$1.50 per month for each 100 watts installed. Minimum installation 100 watts.

Hall Lights. All night hall lights, each lamp up to 50 watts, \$1.00 per month.

Barn Lights. Each lamp up to 50 watts, 75 cts. per month.

Commercial Power.

All electric current for power service will be furnished through meters, according to the classifications and rates hereinafter provided.

All meters will be installed by this company at its own expense, said meters to remain the property of the company and to be subject to removal at its option.

All motors and wiring for same to be furnished by the customers.

All bills for electric power service will be rendered on the 1st of each month for the preceding month's service. All bills due and payable on the 15th of month following date of bill.

All bills for electric power service will be subject to a discount of 5%, if paid on or before the 15th of the month following date of bill.

CLASSIFICATION AND RATES.

Class 1. Small motors operated from our single phase lighting lines (unless included in installations of two or more motors operating under class 3), meter rate, 10 cts. per kw-hr.

Minimum charge shall be 75 cts. per month.

Class 2. Motors from 1 h. p. to 5 h. p., inclusive, will be operated from our single phase lines at meter rate of 10 cts. per kw-hr. Minimum charge shall \$1.00 per month for the first h. p. and 50 cts. for each additional h. p.

All bills for class 2 power exceeding the minimum rate, will be discounted 20% for quantity used.

Class 3. Polyphase motors will be operated from our 220 volt power lines at the following rates:

First 100 kw-hr. 6 cts. per kw-hr.

Second 100 kw-hr. 5 cts. per kw-hr.

Next 500 kw-hr. 4 cts. per kw-hr.

All over 700 kw-hr. 3 cts. per kw-hr.

Minimum charge shall be \$1.00 per month for the 1st h. p. and 50 cts. for each additional h. p.

FLAT RATES:

Class 4. Piano motors, operated from single phase lines, independent of lighting, \$2.00 each per month.

Class 5. Small fan motors, operated from single phase lines, independent of lighting, \$3.00 each per month.

Any owner of a motor power equipment, operating under class 2 or 3 rates, whose entire equipment will be out of service for 30 days or more, may avoid the full minimum charge by giving 3 days' notice to this company and asking that service be cut off. For such disconnected service a charge of 50% of the full minimum must be paid by the customer.

Automobile Battery Charging

Up to 5 amperes capacity \$0.25 each.

5 amperes and over50 "

Refilling batteries with acid25 "

All battery charges must be paid for before they leave the office.

Editor's Note: Rates for power service on lighting circuits are also optional if such service comes under Standard lighting rate.

SURETY DEPOSIT:

A cash deposit of \$5.00 may be required from residence consumers to insure payment of monthly bills. From commercial consumers who have had service for a year or more the company may require a cash deposit sufficient to cover an average monthly bill based upon bills for the twelve months ending with the current month. In case of new consumers the company may, during the first year, require a reasonable deposit, which in no case shall exceed \$50.00. After consumers have had service for one year the deposit shall be in accordance with the practice outlined for other commercial users.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

83—400 watt, 110 volt, d. c. multiple tungsten lamps burning on an all-night every-night schedule. Rate \$78 per lamp per year.

ORNAMENTAL:

None.

APPLETON.

(Population 16,773.)

WISCONSIN TRACTION, LIGHT, HEAT & POWER CO.

Method of generation, steam and hydraulic.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge, \$1.00 per month.

Current, 12 cts. per kw-hr., subject to discount for quantity consumed as follows:

| | |
|-----------------------------|-----|
| \$5 to \$10 per month | 5% |
| 10 to 20 " " | 10% |
| 20 to 30 " " | 15% |
| 30 to 40 " " | 20% |
| 40 to 50 " " | 25% |
| 50 and over " " | 30% |

Optional Rate:

| | |
|------------------------------|-------------|
| 12 cts. per kw-hr. for first | 100 kw-hr. |
| 10 " " " " next | 100 kw-hr. |
| 8 " " " " " | 100 kw-hr. |
| 6 " " " " " | 300 kw-hr. |
| 4 " " " " " | 400 kw-hr. |
| 3½ " " " " all over | 1000 kw-hr. |

The two schedules of rates are used interchangeably, the customer being given whichever rate figures to his benefit.

Discount 5% if paid within 10 days from date of bill.

To customers supplying their own lamp renewals an allowance of ½ ct. per kw-hr. will be made.

Commercial Power.

Minimum charge \$2.00 per month for each motor of 2 h. p. and less, and an additional \$1.00 per h. p. or fraction thereof for each motor over 2 h. p.

Current, 8 cts. per kw-hr., subject to discounts for quantity consumed as follows:

| | |
|----------------------------------|-----|
| From 100 to 200 kw-hr. per month | 5% |
| From 200 to 300 " " " | 10% |
| From 300 to 400 " " " | 15% |
| From 400 to 500 " " " | 20% |

2—E. R.

| | | | | |
|------------------|---|---|---|-----|
| From 500 to 600 | " | " | " | 25% |
| From 600 to 700 | " | " | " | 30% |
| From 700 to 800 | " | " | " | 35% |
| From 800 to 900 | " | " | " | 40% |
| From 900 to 1000 | " | " | " | 45% |
| 1000 and over | " | " | " | 50% |

Optional Rates:

| | |
|--|--|
| 8 cts. per kw-hr. for first 100 kw-hr. | |
| 6 cts. " " " next 100 " | |
| 5 cts. " " " " 100 " | |
| 4 cts. " " " " 300 " | |
| 3 cts. " " all over 600 " | |

The two schedule rates are used interchangeably, the customer being given whichever rate figures to his benefit.

A discount of 5% is allowed upon bills paid within ten days from date of bills.

Wholesale Power Rate:

Wholesale power rate for installations not less than one hundred kilowatts, with minimum charge of at least \$2,100 per annum payable at the rate of \$175 monthly.

Demand Charge:

| | |
|--|--|
| First 100 kw. at \$21.00 per annum per kw. | |
| Next 100 " " 18.00 " " " " | |
| " 100 " " 15.00 " " " " | |
| All over 300 " " 12.00 " " " " | |

Plus monthly energy charges as follows:

| | |
|--|--|
| First 10,000 kw-hr. per month at 1. ct. per kw-hr. | |
| Next 10,000 " " " " 0.9 cts. " " | |
| " 10,000 " " " " .8 cts. " " | |
| " 10,000 " " " " .7 cts. " " | |
| " 20,000 " " " " .6 cts. " " | |
| " 40,000 " " " " .5 cts. " " | |

All over 100,000 kw-hr. per month at 0.45 cts. per kw-hr.

For prompt payment at company's office, of monthly bills within ten days from their date, there will be allowed discounts of 5% on first \$25 and 1% on amounts in excess of \$25.

*Optional Schedule.***STANDARD RATE.**

To customers signing the company's standard form of contract providing for service for one year or more, the charge for electric service shall be computed on the following basis:

Demand Charge. (Payable in equal monthly installments.)

\$42.00 per year each kw. of demand of the first 10 kw.
 \$30.00 per year for each kw. of demand of the next 50 kw.
 \$24.00 per year for each kw. of demand in excess of 60 kw.

Energy Charge.

5 cts. per kw-hr. for the first 100 kw-hr. consumption during month.
 4 cts. per kw-hr. for the next 900 kw-hr. consumption during month.
 3 cts. per kw-hr. for the next 3000 kw-hr. consumption during month.
 2 cts. per kw-hr. for the next 6000 kw-hr. consumption during month.
 1½ cts. per kw-hr. for all energy consumed in any month in excess of 10,000 kw-hr.

(a) LIGHTING SERVICE.

The foregoing rate shall apply to all customers utilizing company's electric service for lighting and receiving free renewals of company's standard lamps.

(b) POWER SERVICE.

The foregoing rate, less one-half cent per kw-hr., shall apply to (1) all customers utilizing company's service for the operation of electric motors and not receiving any free renewals of company's standard lamps, and to (2) all customers utilizing company's service for any purpose and not receiving any free renewals of company's standard lamps.

(c) LIMITED OR 'OFF-PEAK' SERVICE.

The foregoing rates for lighting and power service, respectively, less one-half of the "demand charge" shall apply to all customers contracting to utilize and utilizing the company's service at times during the calendar day, other than during the hours of the months specified as follows:

| Month. | Hours during which service shall not be used. |
|----------------|---|
| October | 5:30 p. m. to 7 p. m. |
| November | 5:00 " " |
| December | 4:30 " " |
| January | 4:40 " " |
| February | 5:20 " " |
| March | 6:00 " " |

(d) "TEN-SEVEN" SERVICE.

The foregoing rates for lighting and power service, respectively, less three-quarters of the "demand charge" shall apply to all customers contracting to utilize and utilizing the company's service only during the hours 10 p. m. to the following 7 a. m.

MEASUREMENT OF DEMAND.

In the application of the "Standard Rate," the consumer's demand shall be determined by measurement or assessments as follows:

(A) Lighting Service.

(a) In installations of 1 kw. connected and less, demand shall be determined as 100% of the first 300 watts connected, plus 66% of connected load in addition to the first 300 watts, except where tests indicate the demand to be larger than that computed on the basis.

(b) In installations greater than one kw. connected, the demand shall be measured.

(B) Power Service.

The demand of a consumer using company's service for power shall be determined as the maximum rate at which energy is used for any continuous period of fifteen consecutive minutes, as shown by integrating watt meter.

DISCOUNT FOR PROMPT PAYMENT.

On bills paid at offices of company or its authorized collection agencies within 10 days of date of bill a discount of 5% of the first \$25.00 and 1% on amounts in excess of \$25.00 will be given. This discount shall apply only where the prompt payment of 5% provided for in the existing increment rate schedules, is not given.

SURPLUS POWER.

24 hours per day, 6 days per week for installations of from 2,000 to 3,000 h. p. 6 mills per kw-hr. Company reserves the right to disconnect service during peak loads.

The city is divided into a number of districts and all meters in each district are read on an appointed date each month. The bills are made out the following day and delivered the next day.

For the reconnection of an electric meter for the same consumer upon the same premises a charge of \$1.00 is made.

Meters are owned by utility.

Company does not charge consumer for connecting building to line

Street Lighting.

GENERAL:

221—6.6 ampere, a. c. series carbon arc lamps burning all night, every night. Rate \$65 per lamp per year.

53—100 c. p., 6.6 ampere, a. c. series tungsten lamps burning all night, every night. Rate \$40 per lamp per year.

1—100 c. p., 6.6 ampere, a. c. series tungsten lamps burning all night, every night. Rate \$25 per year.

*ORNAMENTAL:

None.

ARCADIA.

(Population, 1,212.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, dusk to 11:30 and 5 a. m. to daylight.

Commercial Lighting.

METER RATES:

Minimum charge per month, \$0.75.

8 cts. per kw-hr.

FLAT RATES:

\$0.50 per month for one 16 c. p. lamp or equivalent

0.90 " " " two 16 c. p. lamps " "

1.25 " " " three 16 c. p. lamps " "

Commercial Power.

Minimum monthly charge, \$1.00 for the first h. p. and \$0.50 for each additional h. p.

First 50 kw-hr. 7 cts. per kw-hr.

Next 100 " 6 cts. " "

All over 150 kw-hr. 4½ cts per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

98—100 c. p., 4 ampere, a. c. series, gas filled tungsten lamps, burn on a moonlight dusk until 11:30 schedule. Rate \$15 per lamp per year.

ORNAMENTAL:

None.

ARGYLE.

(Population, 603.)

MUNICIPAL PLANT.

Method of generation, hydraulic and oil engine

Daily operating period, continuous.

Commercial Lighting.

8 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

100—40 watt, 220 volt, d. c. multiple tungsten lamps, burning on an every-night midnight schedule.

4—400 watt, 220 volt, d. c multiple tungsten lamps burning on an every-night midnight schedule. No charge made for street lighting.

ORNAMENTAL:

None.

ARKANSAW.

(Population, 294.)

DURAND LIGHT AND POWER COMPANY.

Method of generation, hydraulic.

Daily operating period, 24 hours daily except Sunday.

Commercial Lighting.

(For rate schedule see Eau Galle.)

Street Lighting.

None.

ASHLAND.

(Population, 11,594.)

ASHLAND LIGHT, POWER & STREET RAILWAY CO.

Method of generation, steam and hydraulic.

Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

Incandescent. Minimum bill: less than 16 c. p. lights connected, 25 cts. Five lamps and over, 5 cts. per lamp per month.

Residence Lighting. 12 cts. per 1,000 watt-hours. 10 cts. per 1,000 watt-hours, when consumption per month in 1,000 watt hours equals the number of 16 c. p. lights installed.

Business Lighting. 10 cts. per 1,000 watt-hours for four hours each day. 6 cts. per 1,000 watt-hours for all current used over that time. The rate is based on the number of lights connected.

Factory Lighting. 5 cts. per kw-hr.

Discount of 5% if paid before the 10th of each month.

Municipal Lighting. 23 cts. per kw-hr. (no discount).

Arc Light. Minimum rate \$2.50 per lamp per month. 10 cts. per 1,000 watt-hours for four hours each day, and 6 cts. for current used after that. Discount 5% if paid before the 10th of each month.

Wholesale Lighting. 2 cts. per kw-hr., customer to use not less than 14,000 kw-hr. per month and to furnish step-down transformer and all other receiving apparatus.

FLAT RATES:***Incandescent Business.***

1 16 c. p. half night, 65 cts. All night, 90 cts. per month.

1 No. 2 Gem lamp, half night, \$1.00. All night, \$1.50 per month.

1 No. 3 Gem lamp, half night, \$1.15. All night, \$2.00 per month.

1 No. 4 Gem lamp, half night, \$1.65. All night, \$2.75 per month.

1 No. 5 Gem lamp, half night, \$2.20. All night, \$3.35 per month.

Signs, Outlines, Windows, Etc. 8 cts. per 1,000 watt-hours at the following consumption per hour per lamp: 2 c. p. 10 watts; 4 c. p. 20 watts; 8 c. p. 30 watts; 16 c. p. 50 watts. Each lamp is figured to burn 2,000 hours per year (dusk to 12:00 p. m.).

Nernst Lamps. All night, \$1.50 per glower per month. Half night \$1.15 per glower per month.

Discount on incandescent and Nernst business flat rate 10% if paid before 10th of each month.

Arc Lights. All night, \$7.00 per lamp per month. Half night \$5.00 per lamp per month.

Cooking and Heating Rate. Minimum monthly charge \$3.00. Current 3 cts. per kw-hr.

Commercial Power.

Minimum charge per month \$1.00 per h. p. for first 5 h. p. and \$0.58 for each additional h. p.

10 cts. per 1,000 watt-hours when used less than one hour per day.
9 cts. per 1,000 watt-hours when used one and less than two hours per day.

8 cts. per 1,000 watt-hours when used two and less than three hours per day.

7 cts. per 1,000 watt-hours when used three and less than four hours per day.

6 cts. per 1,000 watt-hours when used four and less than five hours per day.

5 cts. per 1,000 watt-hours when used over five hours.

Optional Power Rate. \$2.00 per h. p. per month plus 2 cts. per 1,000 watt-hours.

Discount 5% if paid on or before the 10th of each month.

Wholesale Power.

(1) 24 hour service, not less than 100 h. p. Minimum monthly charge \$0.50 per h. p., current $1\frac{1}{4}$ cts. per kw-hr.

(2) 24 hour service, not less than 200 h. p., measured on peak during month, on five year contracts, \$30 per h. p. per annum.

Non-Peak Power.

Taken between sunrise and sunset. Not less than 15 h. p. 2 cts. per kw-hr. Minimum monthly charge \$0.58 per h. p. Not less than 50 h. p. 1 ct. per kw-hr. Minimum monthly charge \$0.50 per h. p.

Secondary Power.

When available, not less than 7 hours a day and in quantities not less than 100 h. p., \$24 per year per h. p.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Company may require deposit to insure payment of bills.

Street Lighting.

GENERAL:

63—4 ampere, d. c. series magnetite arc lamps, burning on an all-night every-night schedule. Rate \$50 per lamp per year.

442—25 c. p., 6 ampere, a. c. series tungsten lamps, burning on an all-night every-night schedule. Rate \$12.35 per lamp per year.

ORNAMENTAL:

None.

ATHENS.

(Population, 904.)

ATHENS ELECTRIC LIGHT AND POWER COMPANY.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$1.00.

First 100 kw-hr. per month, 12 cts. per kw-hr.

Next 100 " " " 11 cts. " "

" 100 " " " 10 cts. " "

" 100 " " " 9 cts. " "

All over 400 kw-hr. per month 8 cts. per kw-hr.

A penalty of 5% will be charged on all bills not paid on or before the 10th day of the month succeeding the month in which service is rendered. If bills are not paid on or before the 20th day of the month, the current will be shut off.

A charge of \$2.00 is made for reconnecting an electric meter for the same consumer upon the same premises.

The company reserves the right to demand the deposit of a reasonable amount of money to assure the payment of bills, and the security of meters.

Meters are owned by the company.

Company makes no charge for connecting consumer's premises with electric lines.

Street Lighting.

GENERAL:

12—3 ampere, d. c. series carbon arc lamps, burning on a mid-night every-night schedule. Rate \$50 per lamp per year.

ORNAMENTAL:

None.

AUBURNDALE

(Population, 297.)

R. CONNOR COMPANY.

Method of generation, steam.

Daily operating period, dusk to 11 p. m.; 5:30 a. m. to daylight.

Commercial Lighting.

Minimum charge per month, \$2.00.

Current 15 cts. per kw-hr.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

None.

AUGUSTA.

(Population, 1,405.)

AUGUSTA LIGHT AND TELEPHONE COMPANY.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

METER RATES:

Minimum charge per month 75 cts.

12 cts. per kw-hr. for first 8 kw-hr. per month.

10 " " " from 8 to 50 kw-hr. per month.

8 " " " from 50 to 110 kw-hr. per month.

6 " " " for all above 110 kw-hr. per month.

FLAT RATES:

39 cts. per 16 c. p. lamp for business hours.

Arc lamps. Dusk to 10 p. m., \$2.50 per month; dusk to midnight, \$3.00 per month.

Meters are owned by the utility.

No charge is made for connecting building to line.

Street Lighting.

GENERAL:

80—40 c. p., 6.6 ampere, a. c. series incandescent lamps, burning on an all-night, every-night schedule. Rate \$21 per lamp per year.

12—40 c. p., 6.6 ampere, a. c. series incandescent lamps, burning on an all-night every-night schedule. Rate \$18 per lamp per year.

6—100 c. p., 6.6 ampere, a. c. series incandescent lamps, burning on an all-night every-night schedule. Rate \$21 per lamp per year.

ORNAMENTAL:

None.

AZTALAN, TOWN OF

(Jefferson County.)

WISCONSIN GAS & ELECTRIC CO.

Commercial Lighting.

(See rural rate schedule for town of Geneva.)

Street Lighting.

None.

BALDWIN.

(Population, 584.)

BURKARDT MILLING & ELECTRIC POWER COMPANY.

Method of generation, steam and hydraulic.

Daily operating period, continuous.

Commercial Lighting.

Current, 12½ cts. per kw-hr.

Minimum monthly charge, \$1.00 per month with a 20% discount if paid before the first of the month.

Discounts, if bills are paid by the first of the month:

| | | |
|---------------|-----------------|-----|
| Monthly bills | up to 40 kw-hr. | 20% |
| " | 40 to 60 " | 25% |
| " | 60 to 100 " | 30% |
| " | 100 to 150 " | 35% |
| " | 150 or over " | 40% |

Cooking Rate.

Minimum charge per month, 75 cts.

3 cts. per kw-hr. with a discount of 10% im bill is paid within 10 days from date.

Commercial Power.

Minimum monthly charge:

\$1.35 per h. p. for the first h. p.

\$1.00 per h. p. for each additional h. p.

Current, 5 cts. per kw-hr.

Discounts.

| | | |
|------------------|-------------------------------|-----|
| For motors using | 50 kw-hr. per month per h. p. | 20% |
| " | 75 " " | 30% |
| " | 100 " " | 40% |
| " | 150 " " | 50% |

Where service has been discontinued, a charge of \$1.00 is made for reconnection.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Rural Service.

Current, 10 cts. per kw-hr.

Discounts if bill's are paid by the 10th of the month:

| | | |
|---------------|-----------------|-----|
| Monthly bills | up to 40 kw-hr. | 20% |
| " | 40 to 60 " | 25% |
| " | 60 to 100 " | 30% |
| " | 100 to 150 " | 35% |
| " | 150 or over " | 40% |

Minimum charge of \$3.13 per month for electric lights and appliances, including one 1 h. p. motor, and \$1.25 per month for each additional h. p. 20% discount if paid before the 10th of the month.

Rate for Motors Used for Silo Fillers:

30 cts. per h. p. per day.

All motors of 15 h. p. and larger to be three phase.

Customers required to build their own lines to company's power line and furnish all apparatus except meters.

Street Lighting.**GENERAL:**

24—100 watt, 110 volt, a. c. multiple tungsten lamps, burning every night from dusk to midnight. Rate \$54 per lamp per year.

7—400 watt, 110 volt, a. c. multiple tungsten lamps, burning every night from dusk to midnight. Rate \$54 per lamp per year.

ORNAMENTAL:

None.

BANGOR.

(Population, 692.)

HUSSA BROS. LIGHT & POWER COMPANY.

Method of generation, steam.

Daily operating period, 1 p. m. to midnight and 5:30 a. m. to noon.

Commercial Lighting.**METER RATES:**

Minimum charge per month, 75 cts.

First 50 kw-hr. consumed per month, 12 cts. per kw-hr.

Second 50 kw-hr. consumed per month, 10 cts. per kw-hr.

All over 100 kw-hr. consumed per month, 8 cts. per kw-hr.

FIAT RATES:

Each 16 c. p. lamp, 75 cts. per month.

Company does not charge consumer for connecting building to line.

Commercial Power.

Minimum charge per month, 75 cts. per connected h. p. or fraction thereof.

(Meter rates same as for lighting.)

Minimum charge for combination light and power (where power unit is less than 1 h. p.) \$1.00 per month.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

63—60 watt, 112 volt, d. c. multiple tungsten lamps, burning on every night, dusk-to-midnight, 5:30 a. m. to daylight schedule. Rate \$22 per lamp per year.

ORNAMENTAL:

None.

BARABOO.

(Population, 6,324.)

BARABOO GAS AND ELECTRIC COMPANY.

Method of generation, steam and water power.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$0.50.

| | | | | | Rates per kw-hr. | |
|-----------|-----------|-----------------------|-----|-----|------------------|---------|
| | | | | | Gross | Net |
| For first | 30 kw-hr. | used in any one month | | | 13 cts. | 11 cts. |
| " next | 70 " | " " | " " | " " | 12 | 10 |
| " next | 100 " | " " | " " | " " | 11 | 9 |
| " next | 200 " | " " | " " | " " | 10 | 8 |
| " over | 400 " | " " | " " | " " | 9 | 7 |

Consumers paying bills at the company's office on or before the 10th day of the month next succeeding the month for which service is billed, will be entitled to the net rates above named. All consumers not paying bills within said time will be charged the gross rates, above named. Failure to receive a bill will not affect consumer's liability for charges at the gross rates.

Sign or Display Lighting. Flat rate based on monthly consumption figured at 6 cts. per kw-hr. Consumer to turn off lights at specified time, or to install a clock which will do it automatically.

Commercial Power.

Minimum monthly charge, \$0.50 per h. p.

First 400 kw-hr. \$0.06 per kw-hr. discount.....\$0.01

Next 200 " .05 " " " 10%

" 200 " .05 " " " 15%

" 200 " .05 " " " 20%

All over 1000 kw-hr. \$0.05 per kw-hr. discount 25%

Discount applies only upon bills paid before the 10th of the month following that for which service was rendered.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

136—100 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on an all-night every-night schedule. Rate \$20.23 per lamp per year.

247—80 watt, 6.6 ampere, a. c. series gas filled tungsten lamps, burning on an all-night every-night schedule. Rate \$16.59 per lamp per year.

ORNAMENTAL:

98 posts, 60 feet apart, in pairs; 1—100 watt, 110 volt, a. c. multiple gas filled tungsten lamp on each post; lamps burn all night, every night. Rate \$18 per lamp per year. System paid for by merchants. System is maintained by the utility, and the city pays for the service.

BARRON.

(Population, 1,449.)

MUNICIPAL PLANT.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, 50 cts.

Service charge, 10 cts. per month.

Current, 8 cts. per kw-hr.

Commercial Power.

Minimum charge \$1.00 per month for the first h. p. connected, and 75 cts. per h. p. per month for each additional h. p. connected.

Current, 5 cts. per kw-hr.

Cooking, Heating, Etc.

Minimum monthly charge, \$2.00 where total connected load is 5 kw. or less; \$3.00 where total connected load is greater than 5 kw.

Current, 5 cts. per kw-hr.

Power taken through a meter carrying a lighting load, 8 cts. per kw-hr.

All bills must be paid on or before the 10th of each month or service will be cut off and a penalty of \$1.00 charged for reconnecting.

Meters are owned by consumers and utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

42—100 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps. 18
lamps burn all night and 24 burn to midnight.

18—400 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps. 8
lamps burn all night and 10 lamps burn to midnight.

Rate 5 cts. per kw-hr.

ORNAMENTAL:

None.

BARTON.

(Population, 448.)

YOUNG AMERICA POWER, LIGHT & MILLING CO.

Method of generation, water power.

Daily operating period, 5 a. m. to midnight.

Commercial Lighting.

Minimum charge per month, \$1.00.

Service charge, 15 cts. per month.

Current, 12 cts. per kw-hr.

Penalty of 5% added to bill if not paid within ten days from date.

Meters are owned by utility.

Street Lighting.

None.

BATAVIA.

(Population, —)

BATAVIA ELECTRIC LIGHT COMPANY.

Method of generation, —

Daily operating period, —

Commercial Lighting.

Minimum charge, per month, \$1.50.

Meter rental 25 cts. per month.

Current 15 cts. per. kw-hr.

Meters are owned by utility.

Consumer pays for wire used to connect premises with lines.

Street Lighting.

Data incomplete.

BAYFIELD.

(Population, 2,000.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

METER RATES:

Minimum bill, 75 cts. per month.

Current, 8 cts. per 1,000 watts up to 50,000 watts and 6 cts. per
1,000 watts exceeding 50,000 watts up to 100,000 watts. 4 cts.
per 1,000 watts for all exceeding 100,000 watts consumed in
any one month.

FLAT RATES:

| | | |
|---|--|--------|
| 1 | 16 c. p. lamp per month..... | \$0.75 |
| 2 | " " " | 1.25 |
| 3 | " " " | 1.50 |
| | Each additional 16 c. p. lamp per month..... | .50 |

All property owners having tenants and using service must guarantee, by contract, the payment of an amount due the town for service.

Whenever service is not paid for on the 10th day of each month, the superintendent is directed to cut off all service connections and require payment of an amount due and an additional amount of \$1.00 to cover expense of connecting to service again.

Commercial Power.

Minimum charge per month \$0.50 for each h. p. connected.

First 100 kw-hr. per month 6 cts. per kw-hr.

Next 100 " " 5 cts. " "

All above 200 " 4 cts. " "

Cooking Rate:

4 cts. per kw-hr.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

81—100 watt, 110 volt a. c. multiple gas filled tungsten lamps, burning on a moonlight midnight schedule. Rate \$15.44 per lamp per year.

ORNAMENTAL:

None.

BEAVER DAM.

(Population, 6,758.)

BEAVER DAM LIGHT & POWER CO.

Method of generation, steam.

Daily operating period, continual.

Commercial Lighting.

Minimum monthly charge, 50 cts.

Energy Rate:

Primary—13½ cts. gross and 12½ cts. net for the first 30 kw-hr. per month per kilowatt of active connected load.

Secondary—10 cts. gross and 9 cts. net for the next 60 kw-hr. per month per kilowatt of active connected load.

Excess—6 cts. gross and 5 cts. net for all current in excess of 90 kw-hr. per month per kilowatt of active connected load.

Discount—The difference between the gross and net charges constitutes a discount for payment of bills on or before the 15th of the month following that in which current is used.

Active Load—The active connected load shall be determined as follows:

Class A. 60 per cent of the first 500 watts connected. 33⅓% of the connected load in excess of the first 500 watts.

Class B. 70% of the first 2500 watts connected. 55% of the connected load in excess of the first 2500 watts.

Class C. 55% of the total connected load.

CLASSIFICATION OF CUSTOMERS.

The customers shall be classified as follows:

Class A. Residence, dwellings, flats and private rooming houses.

Class B. Banks, offices, business and professional (including studios, dressmaking parlors, massage parlors, millinery and hair dressing establishments, and photograph galleries), wholesale and retail merchandise establishments, such as art stores, bakeries, barber shops (including shoe shining parlors and public baths), book stores, cigar stores, coffee and tea stores,

commission stores, confectionery stores (including ice cream parlors), crockery and china stores, dry goods stores, drug stores, electrical supply houses, flower stores (including green-houses), furniture and house furnishing stores, gents' furnishing stores (including hat stores and haberdasheries), grocery stores, hardware stores, harness shops, hay, grain, feed and coal offices and stores, jewelry stores, meat markets, millinery stores, milk depots, paint and wall paper shops, piano and music stores, picture stores, plumbing shops, saloons (including pool and billiard halls and adjoining card rooms), shoe stores and shoe repair shops, stationery stores, tailor shops (including dyers, cleaners and clothes pressing establishments), undertakers, upholsterers, and wine and liquor stores, theaters (including moving picture shows, shooting galleries, and similar amusement places), corridors and halls in office and apartment buildings upon separate meter, dance and public halls (including lodge and society rooms), restaurants (including eating places and lunch wagons), depots and public places for the conduct of railroad, street railway, express and telephone business (excluding freight warehouses), and other establishments of a similar nature.

Class C. Public buildings, schools, churches, hotels, clubs, factories, grain elevators, warehouses, stables, garages and establishments of a similar nature.

Reconnection Charge. A charge of \$1.00 will be made for reconnection for the same customer on the same premises.

Commercial Power.

For motors of 2 h. p. and less (nominal rated capacity) a minimum charge of \$2.00 per month shall be paid, and each motor of over 2 h. p. a minimum charge of \$1.00 per month shall be paid for each h. p. or fraction thereof of the nominal rated capacity of the motor.

| | |
|------------------------|---------------------------|
| 00. to 12.5 kw-hr..... | \$1 per mo., minimum bill |
| 12.5 to 200 " | 8 cts. per 1000 watts |
| 200 to 500 " | 7 " " " |
| 500 to 1,250 " | 6 " " " |
| 1,250 to 3,000 " | 5 " " " |

Meters are owned by utility.

Company does not charge consumer for connecting building to line.

Street Lighting.

GENERAL:

95—6.6 ampere, a. c. series carbon arc lamps, burning on an all-night moonlight schedule. Rate \$60 per lamp per year.

79—32 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on an all-night moonlight schedule. Rate \$18 per lamp per year.

ORNAMENTAL:

None.

BELLEVILLE.

(Population, 422.)

BELLEVILLE MILLS & ELECTRIC LIGHT PLANT.

Method of generation, hydraulic.

Daily operating period, dusk to 10:30; Saturday to 11 p. m.

Commercial Lighting.

FLAT RATES:

50 cts. per 40 watt lamp per month.

Halls, etc., 2 cts. per 16 c. p. equivalent per evening. After 10:30 at rate of 50 cts. per hour.

No charge is made for connecting consumer's premises with lines.
Street Lighting.

GENERAL:

110—16 c. p., d. c. series carbon incandescent lamps, burning every night from dusk to 10:30 p. m. (Saturday to 11 p. m.)
 Rate \$5.90 per lamp per year.

ORNAMENTAL:

None.

BELMONT.

(Population, 532.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, dusk to 11 p. m.

Commercial Lighting.

METER RATES:

Minimum monthly bill, 75 cts.

Current, 10 cts. per kw-hr.

FLAT RATES:

1 ct. per watt for all sizes of lamps.

Meters are owned by utility.

No charge for connecting building to line.

A charge of \$1.00 is made for re-connecting the same person on the same premises.

Street Lighting.

GENERAL:

5—200 watt, 220 volt, d. c. multiple gas filled tungsten lamps, burning on a moonlight dusk to 11 p. m. schedule.

7—100 watt, 220 volt, d. c. multiple tungsten lamps, same burning schedule as above.

58—60 watt, 220 volt, d. c. multiple tungsten lamps, same burning schedule as above.

Flat charge of \$780 per year for all street lighting.

ORNAMENTAL:

None.

BELOIT.

(Population, 15,125.)

BELOIT WATER, GAS AND ELECTRIC CO.

Method of generation, steam and hydraulic.

Daily operating period, continuous.

Commercial Lighting.

Incandescent Lighting. Rate No. 1.

For all lighting service furnished residences and businesses, hereinafter specifically referred to as classes A, B, and C, including incidental appliances for heating or power in excess of 1000 watts used on lighting circuits and passing through the same meter and measured by a meter or meters owned and installed by the company, a charge of:

Primary rate: 12 cts. net or 13 cts. gross per kw-hr. for current used equivalent to or less than the first thirty hours' use per month of the active connected load.

Secondary Rate: 7 cts. net or 8 cts. gross per kw-hr. for additional current used equivalent to or less than the next sixty hours' use per month of active connected load.

Excess rate: 4 cts. net or 5 cts. gross per kw-hr. for all current used in excess of the above ninety hours' use per month of active connected load.

Lighting Rate No. 2 shall be optional to all consumers in the down-town district.

Fixed Charge—A fixed charge of 10 cts. per month per 55 watt lamp or less, plus \$1.10, less 25 per cent discount.

Current Charge—5 cts. per kw-hr.

Discount of 25 per cent on current charge per month if total bill is paid on or before the 10th of the month following the month in which electricity is consumed.

Minimum monthly bill is the fixed charge.

Note: The customer has the option of choosing either of the above rates in the down-town business district.

For all signs, outlines, and window lighting, on a yearly contract basis, hereinafter specially referred to as class E, a charge of 5 cts. net per active 50 watt equivalent per month, plus 5 cts. net or 6 cts. gross per kw-hr. consumed, as estimated according to the schedule of hours of lighting now in use by the company.

Active connected load shall in every case be a fixed percentage of connected load, consisting of lamps, appliances, etc., installed upon consumers' premises.

Class A includes residences, dwellings, flats, and private rooming houses. Where a total connected load is equal to or less than 500 watts nominal rate of capacity, 60 per cent of such total connected load shall be deemed active. Where the installation exceeds 500 watts nominal rate of capacity, 33½ per cent of such a part of the total connected load over and above 500 watts shall be deemed active.

In **Class B**, where the total connected load is equal to or less than 2½ kilowatts nominal rate of capacity, 70 per cent of such total connected load shall be deemed active. Where the installation exceeds 2½ kilowatts nominal rate of capacity, 55 per cent of such a part of the total connected load over and above 2½ kilowatts shall be deemed active; provided that lamps used exclusively in space devoted to the storing of goods shall be placed at 20 per cent active and shall not be included in the 2½ kilowatts specified above.

Class B shall consist of banks, offices, business and professional, including studios, dressmaking parlors, massage parlors, millinery and hair dressing establishments, and photograph galleries; wholesale and retail merchandise establishments, such as art stores, bakeries, barber shops, including shoe shining parlors and public baths, book stores, cigar stores, coffee and tea stores, commission stores, confectionery stores, including ice cream parlors, crockery and china stores, dry goods stores, drug stores, electrical supply houses, flower stores including greenhouses, furniture stores, gent's furnishing stores including hat stores and haberdasheries, grocery stores, hardware stores, harness shops, hay, grain, feed and coal offices and stores, jewelry stores, meat markets, millinery stores, milk depots, paint and wall paper shops, piano and music stores, picture stores, plumbing shops, saloons including pool and billiard halls and adjoining card rooms, shoe stores and shoe repairing shops, stationery stores, tailor shops including dyers, cleaners and clothes pressing establishments, undertakers, upholsterers, wine and liquor stores, theaters, corridors and halls in office and apartment buildings upon separate meters, dance and public halls including lodge and society rooms, restaurants including eating places and lunch wagons, depots and public places for the conduct of railroads, street railways, ex-

press and telephone business excluding freight houses, and all other consumers not herein otherwise specifically provided for. In Class C, where the total connected load is equal to or less than 3 kilowatts nominal rate of capacity, 55 per cent of such total connected load shall be deemed active. Where the installation exceeds 3 kilowatts nominal rate of capacity, 40 per cent of such a part of the total connected load over and above 3 kilowatts shall be deemed active. This class shall include federal and county buildings, churches and missions, hotels and clubs, factories, including small industrial establishments such as machine shops, carpenter shops, blacksmith shops, tin shops and cigar factories, closing not later than 6:00 p. m., private and parochial schools, grain and tobacco elevators and warehouses, freight and storage warehouses, and stables and garages, both private, boarding and livery.

In Class D 30 per cent of the total connected load shall be deemed active. Such class shall consist of Beloit College.

In Class E the total connected load shall be deemed active. Such class shall consist of unmetered lighting for signs, outlines, and windows, contracted for upon a yearly basis.

Minimum Bill. The minimum bill shall be \$1 net per month. Where company is unable to read meter after reasonable effort, the fact shall be plainly indicated upon the monthly bill, the minimum charge assessed, and the difference adjusted with the consumer when the meter is again read.

Discount. Company shall bill all consumers at gross rate and the difference between the gross and net rates shall constitute a discount if bill is paid on or before the 10th of the month following that for which service was rendered.

Free Maintenance of Lamps. Company's regulations in regard to renewal of lamps and for the maintenance and replacement of other illuminants shall be reasonable and in accordance with the schedule of charges filed with the Railroad Commission.

Reconnection of Meters. For the reconnection of meters for the same consumer upon the same premises a charge of \$1 is deemed reasonable.

Commercial Power.

Service charge: 25 cts. net per active h. p. per month.

Output charge:

First 1,000 kw-hr. per month 4 cts. net or 5 cts. gross per kw-hr.

Next 1,000 kw-hr. per month 3 cts. net or 4 cts. gross per kw-hr.

Next 1,000 kw-hr. per month $2\frac{1}{2}$ cts. net or $3\frac{1}{2}$ cts. gross per kw-hr.

Next 17,000 kw-hr. per month 2 cts. net or 3 cts. gross per kw-hr.

Next 20,000 kw-hr. per month $1\frac{3}{4}$ cts. net or $2\frac{3}{4}$ cts. gross per kw-hr.

Over 40,000 kw-hr. per month $1\frac{1}{2}$ cts. net or $2\frac{1}{2}$ cts. gross per kw-hr.

Active connected h. p. load shall be determined as follows:

Where installations are under 10 h. p. and only one motor is used 90% active; under 10 h. p. and more than one motor is used 80% active.

Where installations are 10 h. p. or over and less than 20 h. p., irrespective of number of motors, 70% active.

*Where installations are 20 h. p. or over and less than 50 h. p., irrespective of number of motors, yearly contract basis, 60% active.

* Less than yearly contract basis 70% active.

*Where installations are 50 h. p. or over and less than 100 h. p. irrespective of number of motors, yearly contract basis, 55% active.

*Where installations are over 100 h. p., irrespective of number of motors, yearly contract basis, 50%.

Minimum power bill shall be \$1.25 net per month.

Discount. Company shall bill all power consumers at the gross rate and the difference between the gross and net rate shall constitute a discount if bill is paid on or before the 10th of the month following that for which service was rendered.

Reconnection of meters. For the reconnection of a meter for the same consumer upon the same premises within one year of disconnection, a charge of \$1.00 will be made.

Combined Lighting & Power Service.

Where power installations exceed 50 h. p. and when the use of current for lighting consumption is incidental thereto, and where the connected load installed for the use of current for lighting does not exceed 30% of the connected power load, the total consumption for both light and power shall be billed, under the schedule of rates used for power purposes. For the determination of the active connected h. p. load, the connected lighting load shall be added to the connected power load, and the percentage used for determining the active connected h. p. load shall be the same as if the entire connected load consisted of power equipment.

Street Lighting.

GENERAL:

18—7.5 ampere, a. c. series carbon arc lamps, burning all night every night. Rate \$65 per lamp per year.

159—7.5 ampere, a. c. series carbon arc lamps, burning every night from dusk until 1 a. m. Rate \$50 per lamp per year.

ORNAMENTAL:

8 posts; 3 with 4—60 c. p. and 1—100 c. p. tungsten lamps, each burning from dusk to 11 p. m., and 5 with 4—60 watt and 1—100 watt tungsten lamps, each burning from dusk to 1 a. m. Rate: first 3 posts, \$41.76 each year; other posts \$40 each per year. System installed by merchants and property owners. City pays for service and maintenance.

BENTON.

(Population, 652.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continual.

Commercial Lighting.

10 cts. per kw-hr.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

48—100 c. p., a. c. series tungsten lamps. No charge made.

ORNAMENTAL:

None.

* Less than yearly contract basis 70% active.

BERLIN.

(Population, 4,636.)

BERLIN PUBLIC SERVICE COMPANY.

Method of generation, steam.

Daily operating period, continual.

Commercial Lighting.

Minimum charge per month, \$1.00 net, or \$1.10 gross.

Primary. 13 cts. net or 14 cts. gross per kw-hr. for the first 40 kw-hr. or less used per kw. of active connected load per month.*Secondary.* 10 cts. net or 11 cts. gross per kw-hr. for the next 60 kw-hr. or portion thereof, used per kw. of active connected load per month.*Excess.* 7 cts. net or 8 cts. gross per kw-hr. for all use in excess of 100 kw-hr. per month per kw. of active connected load.*Discount.* The difference between gross and net rates shall constitute a discount for prompt payment.**ACTIVE LOAD.**

The following percentages of connected lighting load shall be deemed active:

For Class A, which shall include residences, dwellings, flats, private rooming houses, hotels, (except that lamps used in guest rooms in hotels, and in rooms used for warehouse purposes shall be considered as 20 per cent active) hospitals and clubs in which meals and rooms are furnished, 75 per cent of the first 500 watts connected and 50 per cent of all installations in excess of 500 watts shall be deemed active.*For Class B*, which shall include banks, offices, stores, saloons, billiard and pool halls, depots, theaters, and establishments of similar nature, 75 per cent of the first 2.5 kilowatts connected and 60 per cent of all installations in excess of 2.5 kw. connected shall be deemed active.*Class C*, which shall include public buildings, public and parochial schools, churches, warehouses, stables, garages and establishments of a like nature, 55 per cent of the total connected load shall be deemed active.

The first 600 watts capacity of each incidental appliance, such as flat irons, fans, toasters, and percolators, connected to the lighting meter shall not be considered in determining the active load.

The charge for reconnection of service for the same consumer on the same premises shall be \$1.00.

Commercial Power.

Minimum charge per month, \$1.00 net or \$1.10 gross.

Demand charge: 50 cts. per month per active h. p. connected.*Energy charge:* 8 cts. net or 9 cts. gross for each of the first 80 kw-hr. used per each month.

7 cts. net or 8 cts. gross for each of the next 50 kw-hr. so used.

6 cts. net or 7 cts. gross for each of the next 100 kw-hr. so used.

5 cts. net or 6 cts. gross for each of the next 100 kw-hr. so used.

4 cts. net or 5 cts. gross for each of the next 500 kw-hr. so used.

2 cts. net or 3 cts. gross for all used in excess of 800 kw-hr. per month.

In all cases where the average monthly net rate per kw-hr. for power shall exceed $9\frac{1}{2}$ cts. per kw-hr., a flat rate of $9\frac{1}{2}$ cts. net or 10 cts. gross per kw-hr. shall prevail, excepting that no

bill shall be rendered for less than the minimum bill of \$1.00 net or \$1.10 gross.

Discount:

The difference between gross and net rates shall constitute a discount for prompt payment.

Computation of Active Power Load.

The following percentages of actual connected power load shall be deemed active.

First 10 h. p. connected, 90 per cent active.

Next 10 h. p. connected 80 per cent active.

Next 30 h. p. connected, 70 per cent active.

Reconnection Charge.

The charge for reconnection of service for the same consumer on the same premises shall be \$1.00.

Special Contracts.

The terms and conditions of all special contracts for installations of 50 h. p. or over shall be submitted to the Commission for approval.

Combined Lighting and Power.

If a customer's connected load is made up of both lighting and power of one h. p. or more, and the actual connected load of lights exceeds 20 per cent of the total connected load of power and lights combined, the bill is figured by the lighting rate; if less than 20 per cent by the power rates.

Meters are read monthly, usually between the 20th and last day of the month for which bills are rendered. Bills are delivered to the customer on or about the first day of the following month and are immediately due. A discount is allowed on bills paid by the 10th of the month. No discount will be allowed on bills not paid by the 10th. Bills not paid by the 15th of the month subject the consumer to discontinuance of service on 24 hours' notice.

The company reserves the right to require a deposit or a guarantor to secure the payment of bills, before connection is made.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

90—250 c. p., 4 ampere, a. c. series gas filled tungsten lamps, burning on an every-night all-night schedule. Rate \$40 per lamp per year.

ORNAMENTAL:

53 posts, 8 posts to block in pairs; 1—100 watt, 120 volt, a. c. multiple gas filled tungsten lamp and 4—40 watt tungsten lamps on each post; 100 watt lamps burn all night and 40 watt lamps at option of city. Current 6.5 cts. per kw-hr. System donated to city by merchants. Maintenance and cost of current paid by city.

BIRNAMWOOD.

(Population, 678.)

BIRNAMWOOD ELECTRIC LIGHT CO.

Method of generation, steam.

Daily operating period, dusk to dawn.

Commercial Lighting.

METER RATES:

Minimum charge \$1.25 per month.

Current, 8 cts. per kw-hr.

FLAT RATES:

Residence, from \$1.00 to \$2.00 per month, with a minimum charge of \$1.00.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

13—400 watt, 110 volt, d. c. multiple gas filled tungsten lamps, burning on an every-night dusk-to-midnight schedule.
Rate \$35 per lamp per year.

ORNAMENTAL:

None.

BLACK CREEK.

(Population, 516.)

MUNICIPAL PLANT.

Method of generation, _____

Daily operating period, _____

Commercial Lighting.

Minimum charge per month, \$1.00.

Current, 15 cts. per kw-hr.

Bills are due on or before the 10th of each month. A charge of 25 cts. is added to all bills paid after the 10th of the month.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

13—200 watt tungsten lamps, burning upon a moonlight schedule.
Rate \$50 per lamp per year.

ORNAMENTAL:

None.

BLACK EARTH.

(Population, 479.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$0.50.

Current 11 cts. gross or 10 cts. net per kw-hr.

Difference between gross and net rate constitutes discount for prompt payment.

Commercial Power.

Minimum charge per month, \$0.50.

Current, 5 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

24—100 c. p., 6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight midnight schedule. Rate \$18 per lamp per year.

8—600 c. p., 6 ampere, a. c. series gas filled tungsten lamps burning on a moonlight midnight schedule. Rate \$30 per lamp per year.

ORNAMENTAL:

None.

BLACK RIVER FALLS.

(Population, 1,917.)

MUNICIPAL PLANT.

Method of generation, hydraulic.

Daily operating period continuous.

Commercial Lighting.

Minimum charge 75 cts. per month.

For the first 30 kw-hr. 6 cts. per kw-hr.

For the second 20 " 5 " " "

For all over 50 " 4 " " "

Plus 25% if not paid on or before the 10th of each month.

Commercial Power.

Ready-to-serve charge of 50 cts. per active h. p., as per schedule hereinafter mentioned, and

For the first 100 kw-hr. 5 cts. per kw-hr.

For the second 100 " 4 " " "

For the third 100 " 3 " " "

For all over 300 " 2 " " "

Plus 10% if not paid on or before the 10th of each month.

Active horse power shall consist of a fixed percentage of the nominal rated capacity of the motor, as indicated on the manufacturer's name-plate. The following percentage of such capacity shall be deemed active:

Where installations are under 10 h. p. and only one motor is used, 100%.

Where installations are under 10 h. p. and more than one motor is used, 90%.

Where installations are 10 h. p. or over and less than 20 h. p., 75%.

Where installations are 20 h. p. or over and less than 50 h. p., 65%.

Where installations are 50 h. p. or over and less than 100 h. p., 60%.

Where installations are over 100 h. p., 50%.

Where service is furnished on less than a yearly contract basis, the active horsepower shall be considered 70% of the nominal rated capacity of the installation.

Rate for Manufacturing:

Not less than 4000 kw-hr. to be consumed per month; first 4000 kw-hr., 1 ct. per kw-hr. All over 4000 kw-hr per month ½ ct. per kw-hr.

Heating Appliances:

First 60 kw-hr. per month 3 cts. per kw-hr.

All over 60 " " " 2 " " "

If meter becomes defective, flat rates will apply.

Consumer must give written notice of discontinuance of service, or be held liable.

City shall have lien on property for service furnished.

(All consumers, either lighting or power, must install meters.)

Street Lighting.**GENERAL:**

12—6.6 ampere, a. c. series carbon arc lamps, burning all night, every night.

94—100 c. p., 6.6 ampere, a. c. series tungsten lamps, burning all night, every night.

Flat charge of \$1,500 per year for all street lighting, including ornamental.

ORNAMENTAL:

35 posts; 1—60 watt and 4—40 watt tungsten lamps on each post; lamps burn all night, every night. See charge above. Installation of system paid for by abutting property owners. Maintenance and cost of current paid by city.

BLAIR.

(Population, 486.)

MUNICIPAL PLANT.

Method of generation, steam and hydraulic.

Daily operating period, dusk to 11 p. m.; 5:30 to daylight.

Commercial Lighting.**METER RATES:**

6 cts. per kw-hr.

FLAT RATES:

15 cts. per 8 c. p. lamp per month.

25 " " 16 " " "

Meters are owned by consumers.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

17—100 watt, 220 volt, d. c. multiple tungsten lamps, burning from dusk to 11 p. m.

27—60 watt, 220 volt, d. c. multiple tungsten lamps, burning from dusk to 11 p. m.

Total charge for above street lighting, \$240 per year.

ORNAMENTAL:

None.

BLANCHARDVILLE.

(Population, 643.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, dusk to 11:30 p. m. and 5 to daylight.

Commercial Lighting.**METER RATES:**

No minimum charge.

Current, 10 cts. per kw-hr.

Meter rent, 25 cts. per month.

FLAT RATES:

16 c. p. lamp 50 cts. per month.

25 watt " 25 " " "

40 " " 40 " " "

60 " " 60 " " "

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

Data incomplete.

BLOOMER.

(Population, 1,204.)

BLOOMER ELECTRIC LIGHT & POWER COMPANY

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

The minimum bill lighting customers will receive, will be 25 cts. for meter rental and 25 cts. for current consumed, a total of 50 cts.

12½ cts. per kw-hr. for the first 50 hours' use of the active connected load. 8 cts. per kw-hr. for all in excess.

ACTIVE LOAD.

Class A. Where the total connected load is equal to or less than 500 watts nominal rated capacity, 60 per cent of such total connected load shall be termed active. Where the installation exceeds 500 watts nominal rated capacity, 33⅓ per cent of such part of the total connected load over and above 500 watts shall be termed active.

Class B. In this class 80 per cent of the total connected load shall be termed active.

Class C. In this class 55 per cent of the total connected load shall be deemed active.

CLASSIFICATION OF SERVICE.

In Class A are included dwelling rooms, flat, rooming house, private, and residence.

In Class B are included bank, barber shop, billiard hall, card rooms, depot, dressmaking parlors, express company, garage, halls, laundry, office, post office, store or restaurant, saloon, telephone company, telegraph company, sign, show case or similar advertising purpose, windows.

In Class C are included asylum, armory, blacksmith shop, church, convent, club rooms, factory, hotel, hospital, heating plant, lodge hall, livery stable, public building, rooming house, school, warehouse.

All meter customers will be charged 25 cts. per month for the maintenance, inspection and rental of meter.

FLAT RATES:

| | |
|----------------------|--------------------|
| 1— 8 c. p. lamp..... | 25 cts. per month. |
| 1—16 " | 50 " " " |
| 1—32 " | \$1.00 " " |

Commercial Power.**METER RATES:**

The minimum bill for power customers will be 75 cts. per h. p., as above determined and 25 cts. per month for meter rental.

6 cts. per kw-hr. for the first 50 hours' use for the maximum demand. 3 cts. per kw-hr. for all in excess of this amount.

The maximum demand shall be taken as the rated capacity of the motors connected, figured as 746 watts of demand per rated h. p. of motors; however, a customer may install an approved maximum demand indicator at his own expense, in which event the reading of such maximum demand indicator will be used as the maximum demand of the customer.

INTRODUCTORY POWER RATE:

To encourage the use of electric current, all power customers installing 25 h. p. electric motors or larger and operating such motors at least eighteen hours each day for a period of at least six months in each year will be furnished current for such motors at the rate of 2½ cts. per kw-hr. for all current used and consumed by such motors for the first six months after the motors are installed and in operation. Provided, that during this six month period the said motors shall not be operated between the hours of 4 o'clock p. m. and 10 o'clock p. m. of each day, thus avoiding the peak load on the plant.

After the expiration of the introductory six month period above mentioned, the rate for current used by such motors will be the regular power rate.

Rural Service.

Minimum charges per month:

Lighting service only, \$2.50.

Power service only, \$0.75 per h. p. subject to a minimum of \$2.50.

Both lighting and power service, \$2.50 plus \$0.75 for each h. p. of power installation.

Current same as in Bloomer.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

15—600 c. p., 20 ampere a. c. series gas filled tungsten lamps, burning on an all-night every-night schedule. Rate \$60 per lamp per year.

16—32 c. p., 6.6 ampere a. c. series tungsten lamps, burning on an all-night every-night schedule. Rate \$12 per lamp per year.

ORNAMENTAL:

None.

BLOOMINGTON.

(Population, 620.)

BLOOMINGTON ELECTRIC LIGHT AND POWER COMPANY.

Method of generation, _____

Daily operating period, _____

Commercial Lighting.

METER RATES:

Minimum charge per month, \$1.00.

First 10 kw-hr. per month, 16 cts. per kw-hr.

Next 20 " " " 15 " " "

Over 30 " " " 12½ " " "

FLAT RATES:

Public Library, \$1.00 per month.

Commercial Power.

Rates for general power service same as for commercial lighting.

Company furnishes power for pumping to the village for 10 cts. per kw-hr., with a minimum charge guarantee of \$20 per month.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

10—56 c. p. lamps, burning on a dusk to 11 p. m. moonlight schedule. Rate \$14.20 per lamp per year.

20—100 c. p. lamps, burning on a dusk to 11 p. m. moonlight schedule. Rate \$25 per lamp per year.

ORNAMENTAL:

7 posts, 3—200 c. p. lamps per post. Lamps burn upon a dusk to 11 p. m. moonlight schedule. Rate \$51 per post per year.

BOSCOBEL.

(Population, 1,525.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, 50 cts.

Current, 11 cts. per kw-hr.

Commercial Power.

Minimum monthly charge, \$0.50 per h. p.

First 100 kw-hr. 8 cts per kw-hr.

Next 500 " 6 " " "

Next 1000 " 5 " " "

Next 900 " 4 " " "

All over 2500 " 3½ " " "

All bills for electric service and supplies become due on the 20th of each month. On all bills not paid by the first of the month following, a penalty of 10 per cent will be added.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

50—80 c. p. and 40—60 c. p., 6.6 ampere a. c. series gas filled tungsten lamps, burning on a moonlight dusk to 2 a. m. schedule. Current metered at 11 cts. per kw-hr.

ORNAMENTAL:

None.

BOYD.

(Population, 527.)

WISCONSIN-MINNESOTA LIGHT & POWER CO.

Method of generation, hydraulic and transmission.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$1.00.

12½ cts. per kw-hr. for the first 50 hours' use of the active connected-load.

8 cts. per kw-hr. for the next 50 hours' use and 4½ cts. per kw-hr. for the balance.

ACTIVE LOAD.

Class A. Where the total connected load is equal to or less than 500 watts nominal rated capacity, 60% of such total connected load shall be termed active. Where the installation exceeds 500 watts nominal rated capacity, 33⅓% of the such part of the total connected load over and above 500 watts shall be termed active.

Class B. In this class 80% of the total connected load shall be termed active, except sign and window lighting, 100% of which are active.

Class C. In this class 55% of the total connected load shall be termed active.

CLASSIFICATION OF SERVICE.

Class A. Dwelling rooms; flat, rooming house (private), residence.

Class B. Bank, barber shop, billiard hall, depot, card rooms, dressmaking parlors, express company, garage, halls, laundry, offices, post office, store or restaurant, saloon, theater, telephone, telegraph company, sign, show case or similar advertising purpose windows.

Class C. Asylum, armory, blacksmith, church, convent; club rooms, factory, hotel, hospital, heating plant, lodge hall, livery stable, public building, rooming house, school, warehouse.

Commercial Power.

Minimum charge per month, \$1.00 on installations of 1 h. p. or less.
Minimum charge of 75 cts. per month on installations of more than 1 h. p.

75 cts. per h. p. per month and 2 cts. per kw-hr. used or installations of 20 h. p. or over. 6 cts. per kw-hr. for the first 50 hours' use of maximum demand and 3 cts. per kw-hr. for all in excess, for installations less than 20 h. p. The term maximum demand is herein used to mean the rated capacity of motors or motor in horse power multiplied by 746 watts.

Whenever motors and lights shall be connected upon the same meter, a minimum charge will be made as above for both motors and lights.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

42—60 c. p., 7.5 ampere a. c. series gas filled tungsten lamps, burning all night, every night. Rate \$24 per lamp per year.

ORNAMENTAL:

None.

BRANDON.

(Population, 684.)

FAIRWATER ELECTRIC LIGHT & AUTO COMPANY.**Commercial Lighting.**

(For schedule see Fairwater.)

Street Lighting.

None.

BRILLION.

(Population, 998.)

E. PAUSTIAN MILLING COMPANY.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge, 75 cts. per month.

Residences:

12 cts. per kw-hr. for the first 10 kw-hr.; balance at 8 cts. per kw-hr.

Stores and Business Places open every night in the week:

For the first 50 kw-hr., 10 cts. per kw-hr.

For the next 50 kw-hr., 8 cts. per kw-hr.

Second 100 kw-hr., 7 cts. per kw-hr.

Third 100 kw-hr., 6 cts. per kw-hr.

All over 300 kw-hr., 5 cts. per kw-hr.

Stores and Business places using light part of the week:

For the 1st 100 kw-hr. 12 cts. per kw-hr.

For the 2nd 100 kw-hr. 7 cts. per kw-hr.

For the 3rd 100 kw-hr. 6 cts. per kw-hr.

All over 300 kw-hr. 5 cts. per kw-hr.

Churches, halls etc., 15 cts. per kw-hr.

Commercial Power.

Service charge of \$1.00 per month for average demand per kw.

Energy charge of \$0.03 per kw-hr. for the first 3000 kw-hr., balance at \$0.02 per kw-hr.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

- 13—250 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a midnight every-night schedule.
- 42—60 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a midnight every-night schedule. Flat charge of \$1,056 per year for all street lighting.

ORNAMENTAL:

None.

BRISTOL.

(Population, 500.)

C. H. MURDOCK ELECTRIC PLANT.

Method of generation, gas engine.

Daily operating period, 6 to 10 p. m.

Commercial Lighting.**METER RATES:**

- Minimum charge per month, \$1.00.
- Service charge, 12½ cts. per month.
- Current, 25 cts. per kw-hr.

FLAT RATES:

- \$1.00 per month for small installations.
- Bills are payable on or before the 20th of each month.
- Meters are owned by the utility.

Street Lighting.

None.

BRODHEAD.

(Population, 1,517.)

MUNICIPAL PLANT.

Method of generation, hydraulic.

Daily operating period, dusk to midnight.

Commercial Lighting.**METER RATES:**

- Minimum bill, 75 cts. per month.

Energy:

- 11 cts. gross, or 10 cts. net, per kw-hr. for the first 25 kw-hr. used per month.
- 9 cts. gross, or 8 cts. net, per kw-hr. for the next 50 kw-hr. used per month.
- 7 cts. gross, or 6 cts. net, per kw-hr. for all over 75 kw-hr. per month.

FLAT RATES:

| | | |
|---|--------------|-------------------|
| 1 | 40-watt lamp | 50 cts. per month |
| 2 | " " | 80 " " " |
| 3 | " " | \$1.00 " " |

Commercial Power.

- Minimum monthly bill \$1.00 for the first horse power and 50 cts. for each additional horse power or fraction thereof; provided, however, that if the capacity of the motor exceeds the possible load, the minimum bill shall be based on the total possible load.

Energy:

| | | | |
|----|-----------------|------------------------|----------------------|
| 7 | cts. gross or 6 | cts. net for the first | 100 kw-hr. per month |
| 6 | " " 5 | " " next | 200 " " " |
| 5 | " " 4 | " " " | 700 " " " |
| 4 | " " 3 | " " " | 4000 " " " |
| 3½ | " " 2½ | " all over | 5000 " " " |

At the option of the consumer motors of one horse power or less may be connected through the lighting meter.

Flat irons and heating devices used by industrial establishments to be supplied at power rates.

DISCOUNT FOR PROMPT PAYMENT:

The utility shall bill all consumers at the gross rate and the difference between the gross and the net rate, or one cent per kw-hr. shall constitute a discount for payment on or before the 14th of the month. In case bills are not paid by the end of the month the delinquent customers shall be required to make a deposit of not less than \$2.50 to insure the payment of any subsequent bill.

RECONNECTION OF METERS:

For the reconnection of a meter for the same consumer upon the same premises a charge of \$1.00 shall be made.

Meters are owned by consumers and utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

3—220 volt, 5.5 ampere, d. c. multiple carbon arc lamps, burning on a dusk-to-midnight schedule. Rate \$60 per lamp per year.

7—25 watt, 1—60 watt, 15—10 watt, 220 volt, d. c. multiple tungsten lamps and 36—20 watt gem lamps, burning on an all-night schedule.

23—100 watt, 16—60 watt, and 112—25 watt, 220 volt, d. c. multiple tungsten lamps, burning on a dusk-to-midnight schedule. Flat charge of \$1,062 per year for all incandescent lighting.

ORNAMENTAL:

None.

BROOKFIELD, TOWN OF

(Waukesha County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule see, M. L. H. & T. Co., Milwaukee, Parts I and III.)

BROWN DEER.

(Population, 250.)

WISCONSIN GAS & ELECTRIC COMPANY.

(For rate schedule see Town of Granville.)

BROWNTOWN.

(Population, 222.)

MUNICIPAL PLANT.

Method of generation, gasoline.

Daily operating period, dusk to 11:30 p. m.

Commercial Lighting.

METER RATES:

First 50 kw-hr. per month, 15 cts. per kw-hr.

All above 50 " " " 12 " " "

FLAT RATES:

1 ct. per month per watt connected.

Minimum monthly charge for both meter and flat rate, \$0.75.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

3—5 ampere, 220 volt, d. c. series carbon arc lamps, burning from dusk to 11:30 p. m. Current metered at 15 cts. per kw-hr.

19—32 c. p., 6.6 ampere, d. c. series tungsten lamps, burning from dusk to 11:30 p. m. Current metered at 15 cts. per kw-hr.

ORNAMENTAL:

None.

BRUCE.

(Population, 565.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, sunset to sunrise.

Commercial Lighting.**METER RATES:**

Minimum charge, \$1.00 per month when village owns meter.

Current, 12 cts. per kw-hr.

FLAT RATES:

Rates based on 16 c. p. carbon lamp:

50 cts. each for residences burning on average until 9 o'clock

65 cts. " " stores " " 10 "

\$1.00 " " saloons, etc. " " 12 "

At flat rates but one night lamp will be allowed.

Special rate for "Soo" depot, \$5.00 per month.

Installations larger than five 16 c. p. lamps must be placed on meter.

10% added to account if not paid by 15th of month.

Commercial Power.**METER RATES:**

Minimum, \$1.00 per h. p. per month.

10 cts. per kw-hr. up to \$100 per month; above that, 5 cts. per kw-hr.

Meters are owned by utility.

No charge for connecting building to line.

Street Lighting.**GENERAL:**

2—6.6 ampere, 110 volt, d. c. multiple carbon arc lamps, burning on a moonlight-midnight schedule. Rate \$70 per lamp per year.

27—100 watt, 110 volt, d. c. multiple tungsten lamps, burning on a moonlight-midnight schedule. Rate \$20 per lamp per year.

ORNAMENTAL:

None.

BURKHARDT.

(Population, 100.)

BURKHARDT MILLING & ELECTRIC POWER CO.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly charge, \$0.75.

10 cts. per kw-hr. for residence lighting.

8 cts. per kw-hr. for business lighting.

Discounts if bills are paid before the 25th of the succeeding month:

| | | |
|--------------|------------------|----------------------|
| Monthly bill | .00 to \$4.00 | no discount. |
| " | " 4.00 to 6.00 | 5 per cent discount. |
| " | " 6.00 to 10.00 | 10 " " " |
| " | " 10.00 to 15.00 | 15 " " " |
| " | " 15.00 to 20.00 | 20 " " " |
| " | " 20.00 to 25.00 | 25 " " " |
| " | " 25.00 to 30.00 | 30 " " " |
| " | " 30.00 and over | 30 " " " |

Cooking Rate:

Minimum monthly charge \$0.75.

3 cts. per kw-hr. with a discount of 10 per cent if bill is paid within ten days from date.

Commercial Power.

Minimum charge of \$1.35 for the first h. p. per month and \$1.00 for each additional h. p.

6 cts. per kw-hr. for current used by motors of less than 5 h. p.

5 cts. per kw-hr. for current used by motors of 5 h. p. and over.

For motors using 50 kw-hr. per month, per h. p. 20% discount.

| | | | | | | | | | |
|---|---|-------|---|---|---|---|---|-----|---|
| " | " | " 75 | " | " | " | " | " | 30% | " |
| " | " | " 100 | " | " | " | " | " | 40% | " |
| " | " | " 150 | " | " | " | " | " | 50% | " |

Except on bills of \$50.00 and over, on which a discount of 50% is allowed.

Service is discontinued if bills are not paid within thirty days from date, and a charge of \$1.00 is made for reconnection.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Rural Service.

Current 10 cts. per kw-hr.

Discounts if bills are paid by the 10th of the month:

| | | |
|---------------|-----------------------|--------------|
| Monthly bills | up to 40 kw-hr. | 20 per cent. |
| " | " 40 to 60 | " 25 " " |
| " | " 60 to 100 | " 30 " " |
| " | " 100 to 150 | " 35 " " |
| " | " 150 kw-hr. and over | 40 " " |

Minimum charge of \$3.13 per month for electric lights and appliances, including one one-horse-power motor, and \$1.25 per month for each additional horse power. 20% discount if paid the 10th of the month.

Rates for Motors Used for Silo Fillers:

30 cts. per horse power per day.

All motors of 15 horse power and larger to be three phase.

Customers required to build their own lines to company's power line and furnish all apparatus except meters.

Street Lighting.

None.

BURLINGTON.

(Population, 3,212.)

WISCONSIN GAS AND ELECTRIC COMPANY.

Method of generation, current purchased, steam and hydraulic.

Daily operating period, continuous.

I. STANDARD RATE.

To customers signing the company's standard forms of contract, providing for service for one year or more, the charge for electric service, shall be computed on the following basis:

Demand Charge:

- \$42.00 per year for each kilowatt of demand of the first 10 kilowatts;
- \$30.00 per year for each kilowatt of demand of the next 50 kilowatts;
- \$24.00 per year for each kilowatt of demand of the next 140 kilowatts;
- \$18.00 per year for each kilowatt of demand in excess of 200 kilowatts;
- Payable in equal monthly instalments, plus an energy charge as follows:

Energy Charge:

- 4 cts. per kw-hr. for the first 1000 kw-hr. consumption during the month;
- 3 cts. per kw-hr. for the next 3,000 kw-hr. consumption during the month;
- 2 cts. per kw-hr. for the next 6,000 kw-hr. consumption during the month;
- 1½ cts. per kw-hr. for the next 40,000 kw-hr. consumption during the month.
- 1.3 cts. per kw-hr. for all energy consumed in any month in excess of 50,000 kw-hr.
- 1. The foregoing rate shall apply to all customers utilizing company's electric service for lighting and receiving free renewals of company's standard lamps.
- 2. The foregoing rate less ½ ct. per kw-hr. shall apply to all customers utilizing company's service and not receiving free renewals of company's standard lamps.

A. Electric Lighting.

This service will include:

1. (a) Electric energy furnished for lamps and other appliances utilized for illumination purposes, except as hereinafter specifically exempted.
- (b) Motors and appliances other than lighting equipment where provided with a starting apparatus designed to limit the initial or starting current to a value not exceeding 2½ times the full load current, alternating current motors of ¼ h. p., when wound for 110 volts and of ½ h. p. when wound for 220 volts, the aggregate rated capacity of such appliances not to exceed 2 kw., will be included in this class when used in connection with lighting equipment and when the connected load of such motors and appliances does not exceed the aggregate rated capacity of lighting equipment.
2. Should the conditions of use of customer's demand be obviously such that he would never earn a lower rate under the Standard than under the Increment Rate Schedule, the Increment Rate Schedule set forth in Section II hereof shall apply. (Contract Form No. 759-B.) The Increment Lighting Schedule is optional with the Standard Rate.
3. In the application of the Standard Rate one integrating watt-meter only shall be provided for the measurement of energy, unless accuracy of measurement requires the installation of more than one meter. Where demand meters are installed, only one set of meters shall be used, and the arithmetical sum of their readings shall be used in computing demand.
4. (a) Exclusive lighting customers having installations of 2 kilowatts or less shall purchase service providing for free lamp renewals.
- (b) In exclusive lighting installations of more than 2 kilowatts connected, it is optional with the customer whether he shall take the rate providing for free lamp renewals.

- (c) In exclusive lighting installations of more than 2 kilowatts connected and where customer desires to contract for service without free lamp renewals, the energy charge shall be $\frac{1}{2}$ ct. per kilowatt-hour less than that provided above and Contract Form No. 1938-B shall be endorsed "Without Renewals of Lamps."
5. The maximum rate of charge for energy for lighting service is set forth in Section II.
6. The following table shows the various contract forms under which commercial electric lighting service is sold, and the application of such forms to the various classes of service:

| Form No. | TITLE | APPLICATION |
|----------|---|---|
| 759-B | Contract for Electric Service. | (a) Lighting under Increment Schedule with free renewals of company's standard lamps. |
| 759-B | | (b) "Short Time" lighting service. |
| 759-B | | (c) Not to be used for power service. |
| 1938-B | Contract for Commercial Electric Service. | (a) Commercial lighting under Standard Rate with renewals of company's standard lamps. |
| 1938-B | | (b) Commercial lighting service over 2 kilowatts under Standard Rate, without renewals of company's standard lamps when endorsed "Without Renewals of Lamps." |

B. Power.

This service will include:

- (a) Electric energy utilized for motive and heating purposes and miscellaneous lighting service where the demand arising from such miscellaneous lighting service shall not be in excess of 20% of the total simultaneous demand for lighting and power service.
- (b) Stereopticons, moving picture machines, photographer's arc lamps and rectifiers shall be classed as power equipment.
2. In the practical application of the Standard Rate, it is found that customers divide themselves generally into two classes—one in which the demand and hours' use is so small that they receive no advantage under the Standard Rate, and the other class in which the Standard Rate results in a lower unit cost than the Increment Schedule. In the case of Unlimited, or On-Peak Service, all contracts for demands of 60 kilowatts or less and requiring an average use of the demand of about 215 hours per month should be written under the Increment Rate Schedule (Contract Form No. 1960-B.) Contracts for demands in excess of 60 kilowatts and 215 hours' use per month should be written under the Standard Rate (Contract Form No. 1968-B3.)
3. Where service for lighting or other application requiring single phase current is desired by customer, to be supplied through meter measuring energy as polyphase power service, the unbalancing of the phases of the polyphase service arising from the use of the service for lighting or other purposes shall not exceed 10% of the demand in kilowatts contracted for or measured. The power factor of such unbal-

anced single phase load shall not be less than 75%. Should customer's demand for single phase service exceed the above, the same shall be divided as nearly as practicable to obtain a balanced condition of the polyphase service. Customer may contract for single phase requirements in excess of 10% of polyphase demand as a separate single phase service. Where miscellaneous lighting service is supplied through the same meter as "Power" service (B), customer shall be required to supply apparatus for rendering available 120 volts for lighting service, if such be required.

4. Optional or Increment Rate for Power service. To customers contracting on company's Standard Form to use service specified as power for periods of one year or more and who actually so use such power, the charge for electric power service shall be computed at rates as follows:

| | |
|--|-------------------|
| First 200 kw-hr. consumed during month | 6 cts. per kw-hr. |
| Next 200 " " " " | 5 " " " |
| Next 200 " " " " | 4 " " " |
| Next 1400 " " " " | 3 " " " |

All energy consumed per month in excess of 2000 kw-hr.
2 cts. per kw-hr.

(a) The foregoing rate does not include renewal of any incandescent lamps.

(b) The foregoing rate is subject to the minimum monthly payments specified in Section II, B, 3.

The foregoing rate is subject to the prompt payment discount VI.

5. The following table shows the various contract forms under which power service is sold, and the application of such forms to the various classes of service:

| Form No. | TITLE | APPLICATION |
|----------|--|--|
| 1960-B | Contract for Electric Power Service, Increment Rate. | (a) Power and miscellaneous light where demand and energy consumption are small or less than about 60 kilowatts at 215 hours per month use of demand. (b) "Short Time" power service. |
| 1968-B | Electric Power Agreement. | (a) Power and miscellaneous light under Standard Rate. |

C. Combined Lighting and Power Service.

This service will include electric energy specified as "Lighting" (A), and electric energy specified as "Power" (B), where such combination service is supplied through the same meter.

SPECIAL SERVICES.

D. Limited or Off-Peak Service.

The foregoing rates for "Lighting" service (see A), "Power" service (see B), and "Combined Lighting and Power Service" (see C), less one-half the demand charge, shall apply to customers contracting to utilize and utilizing the service only at times

during the calendar day other than during the hours of the month, specified as follows:

| MONTH | Hours during which service shall not be used. |
|----------------|---|
| October | 5:30 p. m. to 7:00 p. m. |
| November | 5:00 p. m. to 7:00 p. m. |
| December | 4:30 p. m. to 7:00 p. m. |
| January | 4:40 p. m. to 7:00 p. m. |
| February | 5:20 p. m. to 7:00 p. m. |
| March | 6:00 p. m. to 7:00 p. m. |

In case customer desires to use service during the specified "off-peak" hours and upon giving the company one hour's notice of such intent, he shall be permitted to use service on any day of the week except Saturday and Sunday, and for each day power is so used customer shall pay:

| | |
|--|--------|
| For each kw. of demand of the first 10 kw..... | \$0.17 |
| For each kw. of demand of the next 50 kw..... | 0.12 |
| For each kw. of demand of the next 140 kw..... | 0.10 |
| For each kw. of demand of excess..... | 0.07 |

The demand so paid for shall be that as measured if it exceeds the "off-peak" demand contracted for or otherwise paid for during the current month.

1. Customers shall install and maintain in operating condition an automatic time switch of the type approved by the company.
2. Service under the Off-Peak Schedule for demands of less than 10 kilowatts will not be solicited or recommended, but will be sold on application. The saving to the customer is small and the complication introduced greater than that warranted by the saving in cost of service.
3. In many cases, customers signing limited service contracts will require some service for lighting during the hours that service is not available under this schedule. In such cases contract shall include a small demand under the Unlimited service schedule, and all energy supplied under both schedules shall be measured by one meter. In computing the demand charge and the application of the four steps of the demand charge thereto, the demand charge of the Unlimited service shall first be computed and the charge for Limited service shall be continuous thereafter. For example, if the customer contracts to purchase 10 kilowatts of Unlimited service and 50 kilowatts of Limited service, the monthly demand charge is computed as follows:

| | |
|------------------------------|---------|
| 10 kilowatts at \$3.50 | \$35.00 |
| 50 kilowatts at 1.25 | 62.50 |
4. Limited or Off-Peak service shall be sold only on annual contracts. On-Peak service to supplement Off-Peak service during the off-peak hours shall not be sold at the short time or increment rate.
5. The following table shows the various contract forms under which power service is sold, and the application of such forms to the various classes of service.

| Form No. | TITLE | APPLICATION |
|----------|---|---|
| 1964-B | Limited Electric Power Agreement. | (a) Off-peak power service. |
| 1974-B | Combined Unlimited and Limited Electric Power Agreement. | (a) Combined "on" and "off" peak power and miscellaneous lighting. |
| 2377-B | Combined Unlimited and Limited Commercial Electric Light and Power Service (Typewritten). | (a) Combined "on" and "off" peak commercial lighting and miscellaneous power. |

E. Ten-Seven Service.

The foregoing rates for "Power" service "B" less three-fourths of the demand charge shall apply to all customers contracting to utilize and utilizing the company's service only during the hours 10:00 p. m. to the following 7:00 a. m. Customer shall install and maintain in operating condition an automatic time switch of the type approved by the company.

1. Contract form No. 1971-B shall be used for "Ten-Seven" power service.

F. Unlimited Break-Down Service.

The foregoing rates for "Lighting and Power" service (C) under Unlimited Service, shall apply for break-down or emergency service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the company. It shall be set to open when the demand exceeds 125% of the kilovolt-ampere demand contracted for.

1. Contract Form No. 1969-B shall be used for "Unlimited Break-down Service."

G. Limited Break-Down Service.

The foregoing rates for "Lighting and Power" service (C) under Limited or Off-Peak Service, shall be furnished for break-down or emergency service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the company. It shall be set to open when the demand exceeds 125% of the kilovoltampere demand contracted for.

1. Contract Form No. 1970-B shall be used for "Limited Break-Down Service."

II. MAXIMUM RATE FOR LIGHTING SERVICE AND MINIMUM PAYMENTS.**A. Maximum Rate for Lighting Service.**

1. The maximum rate of charge for commercial electric lighting service (Section 1 "A") during any month shall not exceed.
First 200 kw-hr. during any month, 10 cts. per kw-hr.
Next 200 kw-hr. during any month, 8 cts. per kw-hr.
Next 200 kw-hr. during any month, 6 cts. per kw-hr.
Next 600 kw-hr. during any month, 4 cts. per kw-hr.
2. The foregoing rate is subject to prompt payment discount and includes free renewals of company's standard carbon filament lamps and renewal allowances on tungsten or other special lamps.
3. Customers may purchase service without lamp renewals, in which case these rates per kw-hr. shall be reduced $\frac{1}{2}$ cts.
4. The foregoing limitation of the maximum rate of charge for commercial electric lighting service applies only to exclusively commercial lighting customers and shall not apply to any customer purchasing service for combined lighting and power, break-down service, or combined unlimited and limited service.

B. Minimum Monthly Payments.

1. The minimum monthly payment to be made by any customer, except customers purchasing exclusively electric lighting service or power service at the optional or increment power rate, shall be the monthly installment of the annual demand charge.
2. A minimum monthly bill shall be charged of 50 cts. net to customers having connected loads of 300 watts or less and one dollar to customers having connected loads in excess of 300 watts, to cover such expenses occasioned by the individual customer as billing, inspecting and maintaining meter and service connections, etc. In addition to such minimum bill a charge of \$1.50 shall be made for each arc lamp installed.
3. A minimum monthly bill under the Optional or Increment Rate for power shall be charged of \$1.50 for an installation of 2 h. p. or less, nominal rated capacity, plus 75 cts. for each additional h. p. or fraction thereof (or \$1 per kilowatt) nominal rated capacity.
4. A minimum monthly bill for any power customer having an installation of 2 h. p. or less and purchasing service either under the Standard or under the Optional or Increment Rate shall be charged of \$1.50.

III. MEASUREMENT OF DEMAND.

The demand is defined as the greatest rate at which electrical energy is used by the customer within any period of fifteen consecutive minutes during the contract year, subject to the methods of determining demand hereinafter specified.

A. Lighting Service.

1. For lighting installations of 2 kw. or less, the demand shall be assessed as 100% of the first 300 watts, plus 66 $\frac{2}{3}$ % of the connected load in addition to the first 300 watts.
2. Where the demand is assessed all sockets not containing lamps shall either be removed or sealed by the company, or counted at 50 watts each.
3. For installations of over 2 kw. the demand shall be measured by permanently installed demand meters, or by monthly readings taken during the normal peak demand of the service. Such readings may be ascertained at the option of the com-

pany by counting revolutions of the watt-meter disc, or by printing quarterly hourly readings of the watt-meter, or by a graphic recording watt-meter, or by the so-called Wright demand meter.

B. Power Service.

1. The maximum demand charge during any month for power service (B) shall not be less than that computed on the basis of 75% of the maximum demand during any previous month of the customer's contract year.
2. For power installations of 2 kw. connected or less, the demand shall be assessed as 75% of the connected load, as indicated by the manufacturer's rating.

C. Temporary Assessment of Demand.

In installations in excess of 2 kw. connected, where customer is connected for service during a month during which the maximum measured demand shall be less than the probable demand obtaining during November, December, January or February, the demand will be assessed in accordance with the following rules, and such assessed demand will be corrected as soon as the actual demand for the year has been measured, and the difference in the demand rate billed upon the assessed or estimated demand and the demand rate based upon the actual or measured demand shall be credited to the customer or paid by the customer as the case may be.

1. In Class "1" customers (Lighting Service) the assessed demand shall be determined as follows:

100 % of the first 300 watts connected;
66% % of the next 1,700 watts connected;
55 % of all in excess of the first 2,000 watts connected.

Class 1 customers shall include all lighting customers except those designate as Class 2.

2. In Class "2" customers (Lighting Service) the assessed demand shall be determined as follows:

100 % of the first 300 watts connected;
66% % of the next 1,700 watts connected;
40 % of all in excess of the first 2,000 watts connected.

Class 2 customers shall consist of federal and county buildings, churches and missions, hotels and clubs, factories (including small industrial establishments such as machine shops, carpenter shops, blacksmith shops, tin shops and cigar factories, closing not later than 6 p. m.), private and parochial schools, grain and tobacco elevators and warehouses, freight and storage warehouses, stables and garages, both private, boarding and livery, and furniture stores occupying two or more floors above street level.

3. In Class 3 (Power Service) the assessed demand shall be determined as a percentage of the total connected load as indicated by the manufacturer's rating—

Where installations are under 10 h. p., 75%

Where installations are over 10 h. p., and less than 50 h. p., 65%;

Where installations are over 50 h. p., 55%.

4. If customer's connected load is permanently decreased the Demand Charge should be reduced accordingly. Where customer's connected load is 2 kw. or less, the demand shall be reassessed. If customer's load is in excess of 2 kw. the demand is determined by measurement and the time at which the change in connected load occurs will influence the basis upon which the new Demand Charge will be determined. If the customer's connected load is reduced prior to December 15th, of the cus-

customer's contract year, the demand may be re-measured and the new demand so ascertained be taken as the basis of the Demand Charge for the remaining portion of the customer's contract year. If the customer's installation be reduced subsequent to December 15th of the customer's contract year, then the new Demand Charge shall be determined upon the basis of the temporary assessed demand, as provided in the preceding paragraphs, and such assessed demand will continue to be the basis upon which the customer shall be billed for service until a new demand shall be ascertained by measurement during the months of November, December, January and February following.

IV. RESIDENCE LIGHTING SERVICE.

To customers contracting for service for one year or more for residence lighting service, with free renewals of company's standard lamps, the following rate shall apply:

(A) Primary charge of 11 cts. per kw-hr. for:

1. The first 4 kw-hr. consumed per month for each of the first 4 active rooms.
2. The first 2½ kw-hr. consumed per month for each of the active rooms in addition to the first 4.

All rooms except the following shall be computed as active: 3 rooms (which are primarily or may be used as bedrooms, including therein finished attic or garret rooms), bathrooms, basements, garrets, closets and back porch.

(B) Secondary charge of 5 cts. per kw-hr. for all energy in excess of that paid for at the primary rate in (A) up to a total of 7 kw-hr. consumed per month per active room.

(C) Tertiary charge of 2 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate (A), and the secondary rate (B), or for all energy consumed in excess of 7 kw-hr. per active room per month.

1. The quantity of energy paid for at the primary rate (A) is not included in the energy computed at the secondary rate (B) or at the tertiary rate (C).
2. In determining the number of active rooms, all rooms, whether containing lights or not, shall be counted except the following: Three rooms (which are primarily or may be used as bedrooms, including therein finished attic or garret rooms), bathrooms, basements, garrets, closets and back porch.
3. A room used as a children's nursery or workroom and containing a couch, sometimes used as sleeping quarters, is not classed as a bedroom.
4. Halls and hallways used and furnished as reception and living rooms and having an area in excess of 120 square feet are classed as active rooms.
5. A part of a room not cut off by partition and door and which is generally known as an alcove shall not be counted as an additional room unless it is furnished and used for a distinctly different purpose or its area exceeds 33⅓% of the total area of the room and alcove.
6. Front, side and back porches, with or without lights, are not classed as active.

Back porches are specifically excepted in rate schedules, as in many cases they are enclosed and used as a summer kitchen or dining room and as such might be taken as a room.

7. Where service for a barn or garage is supplied through the same meter as that through which service for the residence is supplied, all active rooms in garage or barn are added to those of the house and the rate applied.
8. Where separate meters are supplied, a garage or barn shall be treated as a separate residence.
9. All classes of domestic heating and power consuming devices may be supplied through the meter by which lighting service is measured, in which case this rate shall apply.

Battery charging outfits, refrigerating outfits, non-portable air compressors or vacuum cleaners or similar apparatus not in use between the hours 4:30 p. m. and 8:30 p. m. may also be supplied through the residence meter.

Motors and other power consuming devices, when connected to residence service meter, must conform to the following rule: All such motors and devices must be equipped with starting or regulating apparatus to limit automatically the initial current in starting, to amount not exceeding $2\frac{1}{2}$ times the full load current, as determined by manufacturer's rating. Motors or other devices having a rated capacity greater than $\frac{1}{2}$ kilowatt shall be wound for 240 volts and customer shall arrange building wiring and meter loops for three-wire service and meter.

10. Elevators and wireless telegraph apparatus, using service intermittently, shall not be supplied at residence rates or from residence service connections. Such apparatus must be supplied from power mains and where a special extension or power service is required customer shall pay the cost of the necessary extension in accordance with the rules of the company governing new extension of service. Customer shall contract for service for such apparatus at the company's regular power rates.
11. In apartment houses, each apartment shall be classed as a separate residence. The public portions of the building, such as hallways, elevator cars and enclosures, public dining rooms and kitchens, pantries, etc., connected therewith, shall be treated separately. Service for such portions of the building may be purchased under either the Residence Rate (IV) or the Standard Commercial Lighting Rate (1-A), at the option of the purchaser. If service is furnished by the Residence Rate (IV), the energy to be paid for monthly at the primary rate shall be computed on the basis of one active room per floor (exclusive of basement), multiplied by the number of main entrances to the building plus the rooms used as kitchens, building storerooms, pantries, dining rooms and offices. The active rooms in janitor's quarters if supplied through same meter as public portions of the building, shall be added. Janitor's quarters metered separately shall be treated as a separate residence.
12. The residence schedule shall not be applied to any apartment house wherein the landlord or agent is billed for the entire service consumed in the building and re-bills the service to the occupants of the apartments. In such case, the Increment Lighting Rate and contract form No. 759-B shall be used.
13. The Residence schedule shall not be applied to customers whose practice is to have service cut off during the summer months; it shall be supplied only to those who sign

contracts providing for service by the year, and who pay at least the minimum monthly payments provided for in the contract. When company is unable to read meter for any month, or months, the quantity of energy to be paid for monthly at the primary rate shall be increased pro rata.

14. Customers occupying a portion of a business building as a residence may combine residence service with commercial lighting service through one meter. In no case, however, shall the residence rate be combined with the commercial lighting rates and residence rate cannot be applied to such combination service.

C. Minimum Payments.

To customers executing company's standard form of Residence Lighting Contract at foregoing rates and using the service for periods of one year or more, the minimum charge shall be 50 cts. per month net.

- (D) The following shows the various contract forms under which residence service is sold and the application of each form:

| Form No. | TITLE | APPLICATION. |
|----------|--|---|
| 1939-B | Contracts for Residence Electric Lighting Service. | Residence service for periods of one year or more, Standard Rate. |
| 2399-B | Short Time Residence Electric Lighting Service. | Short time residence electric lighting service. |

V. FLAT RATE DISPLAY LIGHTING.

Company will sell service for Flat Rate Display Lighting controlled by company on yearly contracts, on the following basis of monthly payments:

| | Dusk to 11 p. m. 1850 hrs. | Dusk to 12 p. m. 2200 hrs. |
|-------------------------|----------------------------------|----------------------------------|
| 200 Watts or less | \$1.93 | \$2.17 |
| 300 Watts | 2.90 | 3.25 |
| 400 Watts | 3.87 | 4.33 |
| 500 Watts | 4.83 | 5.42 |
| 600 Watts | 5.80 | 6.50 |
| 700 Watts | 6.78 | 7.58 |
| 800 Watts | 7.73 | 8.67 |
| 900 Watts | 8.70 | 9.75 |
| 1.0 Kilowatts | 9.67 | 10.83 |
| 1.5 Kilowatts | 14.50 | 16.25 |
| 2.0 Kilowatts | 19.33 | 21.67 |
| 2.5 Kilowatts | 24.17 | 27.08 |
| 3.0 Kilowatts | 29.00 | 32.50 |
| 3.5 Kilowatts | 33.83 | 37.92 |
| 4.0 Kilowatts | 38.67 | 43.33 |
| 4.5 Kilowatts | 43.50 | 48.75 |
| 5.0 Kilowatts | 48.33 | 54.17 |
| 6.0 Kilowatts | 53.00 | 64.00 |
| 7.0 Kilowatts | 58.87 | 73.00 |
| 8.0 Kilowatts | 75.00 | 82.00 |
| 9.0 Kilowatts | 83.13 | 91.00 |
| 10.0 Kilowatts | 91.25 | 100.00 |

1. The foregoing flat rates include renewals of carbon filament lamps only and include no other maintenance.
2. Company will contract for flat rate display lighting burning during hours other than those specified above, but not less than 1,100 hours per year, and the monthly bill therefor shall be computed as 1-12 of the annual bill determined by the application of the Standard Rate.
3. (a) Company will supply and install on yearly contracts renewals of Mazda sign lamps for flat monthly charge of 4 cts. per lamp installed. The foregoing applies to flat rate display lighting, or to the equivalent display lighting supplied on a meter basis, providing service is used not to exceed 2,250 hours per year. For such service as is used in excess of 2,250 hours per year the renewals will be furnished at a proportionately increased monthly charge per lamp. The customer shall purchase from the company the first installation of such lamps and all increases thereof, at the company's regular prices.
(b) In case customers wishes to supply Mazda sign lamps in lieu of the carbon lamps, the renewals of which are furnished without charge by the company, customer may do so and receive a reduction in the rate for service of 75 cts. and 90 cts. per month per kilowatt of capacity of Mazda lamps for 11 o'clock and 12 o'clock burning respectively.
(c) Company will supply plain Mazda, 5 watt, 12 to 13 volt sign lamps and supply renewals thereof, at a charge equivalent to \$12.00 per month per kilowatt of rated consumption of lamps installed. This charge is to be added to the contract rates, after deducting the allowance for carbon lamps.
Plain Mazda 2½ watt, 12 to 13 volt sign lamps will be similarly supplied at a charge equivalent to \$24.00 per month per kw. of rated consumption of lamps installed.
4. Where flashers are installed on signs, the demand and use of lamps on circuits controlled by the flasher shall be taken at 75% of the rated consumption of such lamps.
5. (a) The company will contract to inspect, clean and paint signs once a year, put all renewals in place, and maintain flasher, if any, for 1c per month for each 10 watt carbon or 5 watt Mazda lamp contained in sign.
(b) On contracts providing for the renewals of Mazda sign lamps in accordance with paragraph 3 (a) hereof, company will contract to inspect, clean and paint signs once a year and maintain flasher, if any, for ½ ct. per month for each 5 watt Mazda lamp and 1 ct. per month for each 2½ watt Mazda lamp contained in sign.

VI. DISCOUNT FOR PROMPT PAYMENT.

1. On bills paid at office of company or its authorized collection agencies within ten days of date of bill, a discount of 5% of the first \$25.00 of all bills and 1% on amounts in excess of \$25.00 will be given.
2. On bills for electric service supplied to the federal, county and city governments, paid at the office of the company, or its authorized collection agencies, within 60 days of date of bill, the prompt payment discount provided for in the contract under which such service is sold will be allowed.

VII. SHORT TIME RATE.

To customers obtaining service for periods of less than one year, the charge for electric service shall be computed in accordance with the following schedules with Prompt Payment Discount VI, applying thereto:

A. Commercial Lighting Service.

First 200 kw-hr. during any month, 10 cts. per kw-hr.

Second 200 kw-hr. during any month, 8 cts. per kw-hr.

Third 200 kw-hr. during any month, 6 cts. per kw-hr.

All energy in excess of 600 kw-hr. during any month, 4 cts. per kw-hr.

(a) The foregoing rate includes free renewals of company's standard incandescent lamps and renewal allowances on tungsten or other special lamps.

(b) When free renewals of company's standard lamps or renewal allowances on tungsten or other special lamps are not obtained by customer, contract for service shall be endorsed "without lamp renewals," and the foregoing shall be reduced one-half cent per kw-hr.

B. Residence Lighting Service.

1. To customers obtaining residence electric service for periods of less than one year, the rate per kw-hr. for such service, subject to the minimum monthly payment of 50 cts. during any month, shall not exceed 11 cts.

2. The foregoing rate is subject to the prompt payment discount and includes free renewals of company's standard incandescent lamps and renewal allowances on tungsten or other special lamps.

3. For reconnection of meter for the same customer upon the same premises a charge of \$1.50 shall be made.

C. Power Service.

First 200 kw-hr. during any month, 6 cts. per kw-hr.

Second 200 kw-hr. during any month, 5 cts. per kw-hr.

Third 200 kw-hr. during any month, 4 cts. per kw-hr.

All energy in excess of 600 kw-hr. during any month, 3 cts. per kw-hr.

(a) For the reconnection of meter for same customer upon the same premises, a charge of \$1.50 shall be made.

(b) The foregoing rates are subject to the minimum monthly payment specified in Section II.

VIII. RENEWALS OF STANDARD INCANDESCENT LAMPS.

1. To entitle customers to free renewals of company's standard carbon filament incandescent lamps or to allowances on the renewals of tungsten or other special lamps, the first installation of such lamps or any increase thereof, shall be purchased from the company by the customer at the company's published prices.

IX. RENTAL OF METERS.

(A) In case the customer desires integrating wattmeters installed to measure the consumption of electrical energy by various floors, departments or tenants, company will install such meters upon yearly contracts and charge therefor the following:

Charge for Installation.

| Size and type of meter. | One meter. | Additional meters installed at same time as first meter, each. | Annual rental charge payable in 12 equal monthly installments or otherwise as agreed upon. |
|---|---------------|---|--|
| Single Phase and Direct Current: | | | |
| 10 amp. and smaller | \$1.00 | \$0.50 | \$3.00 |
| 15 amp. to 75 amp. | 1.50 | .75 | 6.00 |
| 100 amp. to 300 amp. | 3.00 | 1.00 | 12.00 |
| 3 Phase Meters: | | | |
| 5 amp. to 25 amp. | \$1.50 | \$0.75 | \$6.00 |
| 50 amp. to 150 amp. | 3.00 | 1.00 | 12.00 |

The company will not obligate itself to supply the readings of the individual meters, nor assume any responsibility for their accuracy.

- (B) Should customers desire any rented meters tested and report thereon made the company will make such test and report and charge therefor the following:

Charge for Testing and Report:

| Size of meter. | One meter. | Additional meters tested at same time as first meter, each |
|--------------------------|---------------|---|
| 5 amp. to 25 amp. | \$2.00 | \$1.00 |
| 40 amp. to 150 amp. | 2.50 | 1.50 |

X. BASIS UPON WHICH APPLIANCES, FIXTURES AND EQUIPMENT WILL BE SOLD OR RENTED.

1. The company will not sell electric service customers appliances, fixtures and equipment at prices less than cost to it, plus 6%.
2. Company will lease appliances, fixtures and equipment to electric service customers at rental charges based upon not less than 15% per annum of the cost or present value of such appliances, fixtures or equipment. The cost, where known, shall in every case be used as a basis for determining the rental charges. Where the cost is not known, the market price, as determined by bona fide quotation, shall be used as the basis for computing such rentals.
3. Appliances, fixtures or equipment rented or leased from the company shall be maintained and repaired by the customer.

XI. RULES RELATING TO CUSTOMERS' DEPOSITS.

1. Customers who have no established credit rating are required to furnish a financially responsible guarantor, or make a cash deposit equal in amount to two months' estimated bills. Minimum deposits in all cases to be \$5.00.
2. Customers operating moving picture houses or securing similar service for other businesses may reduce the required deposit by entering into an agreement to pay weekly an estimated bill and by granting the company the privilege to disconnect service upon failure to pay such estimated weekly bill on demand; such customers, upon making such agreement, shall deposit an amount equal to one-half of their estimated monthly bill.

3. Customers who shall have failed to make full payment to the company of all previous service bills are required to pay all such bills before service will be furnished.
4. Customers who shall have failed to make full payment to the company of all previous service bills are also required to make the cash deposit specified in rule "1".
5. Interest at the rate of 5% per annum will be paid on renewal or withdrawal of deposit.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

GENERAL:

- 118—100 watt, 110 volt, a. c. multiple tungsten lamps, burning on an all-night moonlight schedule. Rate \$24 per lamp per year for the first 100 and \$21 per lamp for all additional.
- 14—600 c. p., 20 ampere a. c. series gas filled tungsten lamps, burning on an all-night moonlight schedule. Rate \$62 per lamp per year.

ORNAMENTAL:

None.

BURLINGTON, TOWN OF

(Racine County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule, see M. L. H. & T. Co., Milwaukee, Part III.)

BURLINGTON, TOWN OF

(Racine County.)

WISCONSIN GAS & ELECTRIC COMPANY.

(See Rural Rate Schedule of town of Geneva.)

Street Lighting.

None.

BURNETT JUNCTION.

(Population, 425.)

HORICON LIGHT & POWER CO.

(For commercial rate schedule, see Horicon.)

Street Lighting.

GENERAL:

- 12—100 watt, 220 volt, a. c. multiple tungsten lamps, burning every night until midnight. Rate \$20 per lamp per year.

ORNAMENTAL:

None.

BUTTERNUT.

(Population, 717.)

BUTTERNUT ELECTRIC LIGHT AND POWER CO.

Method of generation, kerosene engine.

Daily operating period, continuous.

Commercial Lighting.

METER RATES:

12 cts. per kw-hr.

FLAT RATES:

| | | |
|--------------------|--------|---------------------------------------|
| 1 barber shop | \$1.50 | per month in summer, \$1.50 in winter |
| 1 store | 1.50 | " " " " " " 2.00 " " |
| 1 ice cream parlor | \$7.00 | per month |
| 1 printing office | 1.00 | " " |
| 1 residence | 1.00 | " " |
| 1 telephone office | 1.00 | " " |

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

8—100 watt, 220 volt, d. c. multiple gas filled tungsten lamps, burning from dusk to midnight every night; 8—200 watt, 220 volt, d. c. multiple, gas filled tungsten lamps, burning from dusk to midnight every night. 6—300 watt, 220 volt, d. c. multiple, gas filled tungsten lamps, burning from dusk to midnight every night. Total charge for above street lighting \$750 per year.

ORNAMENTAL:

None.

CADOTT.

(Population, 765.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

Minimum charge per month, \$1.00.

First 25 kw-hr. per month 10 cts per kw-hr.

Next 25 " " " 8 " " "

Over 50 " " " 6 " " "

A charge of 1 ct. per kw-hr. is made on all bills not paid on or before the 15th of each month.

FLAT RATES:

1—16 c. p. lamp 50 cts. per month

2—16 c. p. " \$1.00 " "

3—16 c. p. " 1.25 " "

Larger installations metered.

Commercial Power.

4 cts. per kw-hr.

A charge of 1 ct. per kw-hr. is made on all bills not paid on or before the 15th of each month.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

54—80 c. p., 4 ampere, a. c., series gas filled tungsten lamps, burning all night. Current metered at 6 cts. per kw-hr.

CALEDONIA, TOWN OF

(Racine County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule, see M. L. H. & T. Co., Milwaukee, Part III.)

CAMBRIDGE.

(Population, 507.)

CAMBRIDGE LIGHT & POWER COMPANY.

Method of generation, oil engines.

Daily operating period, continuous.

Commercial Lighting.

Minimum yearly bill, \$12.00.

First 10 kw-hr. per month 20 cts. per kw-hr.

All over 10 kw-hr. per month 10 cts. per kw-hr.

The minimum monthly bill for business places which are closed evenings is \$0.50. A minimum bill is not applied to churches, lodges and benevolent societies.

Service will be discontinued when bills are in arrears two months.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

26—40 watt, 110 volt, d. c., multiple tungsten lamps, burning on a moonlight dusk to 11 p. m. schedule. Rate \$18 per lamp per year.

ORNAMENTAL:

12 posts, in pairs; 3—40 watt tungsten lamps on each post. Rate \$2.40 per post per month. System paid for by the Community Club. Maintenance and cost of current paid for by village.

CAMERON.

(Population, 562.)

WISCONSIN-MINNESOTA LIGHT & POWER CO.

Method of generation, hydraulic, plant at Rice Lake.

Daily operating period, continual.

Commercial Lighting.

Minimum charge per month, 50 cts.

9 cts. per kw-hr.

Discount for payment before 10th of month.

10% on all amounts up to 50 kw-hr.

20% on all amounts over 50 kw-hr.

Commercial Power.

Fixed charge of \$1.00 per month for motors of less than 5 h. p.;

\$0.80 per h. p. for motors of 5 h. p. and over.

Current, 4 cts. per kw-hr. Discount of 10% if bill is paid before the 10th of the month.

Heating Rate: Minimum monthly charge \$0.50. Current 5 cts. per kw-hr. Discount of 10% if bill is paid before the 10th of the month.

Rates for farmers along transmission line from Cameron to Barron are the same as those in Cameron. Company furnishes all equipment.

Rates charged to Barron Municipal Plant:

2½ cts. per kw-hr. for the first 20,000 kw-hr. and 2 cts. for all thereafter yearly.

Minimum charge of \$500.00 per year.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

7—500 watt, 110 volt, a. c. multiple gas filled tungsten lamps, burning all night, every night. Rate \$60 per lamp per year.

7—60 watt, 100 volt, a. c. multiple gas filled tungsten lamps, burning all night, every night. Rate \$16.80 per lamp per year.

ORNAMENTAL:

None.

CAMPBELLSPORT.

(Population, 650.)

CAMPBELLSPORT ELECTRIC LIGHT & POWER CO.

Method of generation, gas.

Daily operating period, dusk to midnight; 5 to 7 a. m., Oct. 1 to April 1.

Commercial Lighting.

Minimum bill, \$1.00 per month.

Current, 14 cts. per kw-hr.

Discount 10% if paid before 10th of the month.

Short Time Lighting Rate.

Minimum bill, \$1.00 per month.

Current, 14 cts. per kw-hr. with a discount of 10% if bill is paid within 10 days of date.

Customer must pay cost of making service connection and installing meter and also cost of removing service and meter. Rate not available for reserve or break-down service and does not include lamp renewals.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

13—400 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on an every-night midnight schedule. Rate \$72 per lamp per year.

ORNAMENTAL:

None.

CAMP LAKE.

(Population, —)

CAREY ELECTRICAL & MILLING CO.

(For commercial rate schedule, see Wilmot.)

Street Lighting.

None.

CASCADE.

(Population, 625.)

SCHLENTER BROTHERS ELECTRIC COMPANY.

Method of generation, water power.

Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

15 cts. per kw-hr.

FLAT RATES:

\$1.00 per month for a few small consumers.

Meters are owned by the utility.

Consumers pay for wire used in connecting premises with lines.

Street Lighting.**GENERAL:**

4—100 watt, gas filled tungsten lamps, burning every night until midnight. Rate \$20 per lamp per year.

ORNAMENTAL:

None.

CASHTON.

(Population, 568.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, dusk to midnight.

Commercial Lighting.**METER RATES:**

Minimum bill, \$1.00 per month.

Current, 12 cts. per kw-hr. for the first 30 hours' use of the active connected load per month.

9 cts. for all current in excess of 30 hours' use of the active connected load per month.

Active connected load to be considered 100% of the full connected load for stores, offices, saloons, halls, etc., and 50% for residences.

FLAT RATES:

| | |
|-----------------------|-------------------|
| 32 c. p. carbon..... | 75 cts. per month |
| 16 " " | 50 " " " |
| 8 " " | 35 " " " |
| 4 " " | 20 " " " |
| 60 watt tungsten..... | 65 " " " |
| 40 " " | 50 " " " |
| 25 " " | 40 " " " |
| 100 " " | 80 " " " |

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

30—60 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight-midnight schedule. Rate \$12 per lamp per year.

25—40 c. p., 6.6 ampere, a. c. series tungsten lamps burning on a moonlight-midnight schedule. Rate \$8 per lamp per year.

ORNAMENTAL:

15 posts, 5 posts to block; three lamps on each post; 25—60 c. p. and 20—40 c. p., 6.6 ampere, a. c. series tungsten lamps burning on a midnight-moonlight schedule. Rate: 60 c. p. lamps, \$12 per lamp per year; 40 c. p. lamps, \$8 per lamp per year. System installed by city and merchants. Maintenance and annual charge per lamp paid by city.

CASSVILLE.

(Population, 890.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, dusk to midnight.

Commercial Lighting.

Current, 10 cts. per kw-hr.

Meters are owned by consumers and utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

5—220 volt, d. c. multiple carbon arc lamps, burning on a moonlight-midnight schedule. No charge.

3—500 watt, 220 volt, d. c. multiple gas filled tungsten lamps, burning on a moonlight-midnight schedule. No charge.

24—60 watt, 220 volt, d. c. multiple tungsten lamps, burning on a moonlight-midnight schedule. No charge.

ORNAMENTAL:

None.

CAZENOVIA.

(Population, 892.)

CAZENOVIA LIGHT & POWER COMPANY.

Method of generation, hydraulic.

Daily operating period, sunset to 11 p. m.

Commercial Lighting.

Minimum charge per month, \$1.00.

Current, 10 cts. per kw-hr.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

9—60 watt, 110 volt, d. c. multiple gas filled tungsten lamps, burning on an every-night dusk to 11 p. m. schedule. Rate \$13 per lamp per year.

ORNAMENTAL:

None.

CEDARBURG.

(Population, 1,777.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, 23¼ hrs. daily, dusk to dawn on Sunday.

Commercial Lighting.

Current, 8 cts. per kw-hr.

Meter rent, 15 cts. per month.

Commercial Power.

Minimum charge 25 cts. per h. p. of connected load per month for motors over 10 h. p.; 50 cts. per h. p. per month for motors between 5 and 10 h. p.; and \$1.00 per month per h. p. for motors of less than 5 h. p.

7 cts. net or 8 cts. gross per kw-hr. for the first 10 kw-hr. per month per h. p. connected.

4 cts. net or 5 cts. gross per kw-hr. for the next 35 kw-hr. per month per h. p. connected.

2 cts. net or 3 cts. gross per kw-hr. for all current in excess of 45 kw-hr. per month per h. p. connected.

A charge of \$2.00 is made for reconnecting a meter for a consumer upon the same premises.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

26—400 c. p., 38—250 c. p. and 4—100 c. p., 6.6 ampere, a. c., series gas filled tungsten lamps, burning on a moonlight, dusk to 3 a. m. schedule. Total charge for above street lighting, \$3,000 per year.

ORNAMENTAL:

None.

CEDARBURG.

(Population, 1,777.)

MILWAUKEE NORTHERN RAILWAY CO.

Method of generation, producer gas plant at Port Washington.

Daily operating period, 5:30 a. m. to 1:35 a. m.

Commercial Power.

Minimum charge of \$12.00 per year per h. p. installed.

10 cts. per kw-hr. for the first 10 kw. per h. p. of motors installed up to 20 h. p.

All excess 3 cts. per kw-hr.

5—E. R.

When customer's premises are located within 300 ft. of company's lines and d. c. current is taken from the trolley system, the minimum charge will be \$6.00 per year per h. p. of motor or motors installed.

Discount 5% if paid before 15th of month.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines where the distance is not greater than 300 feet.

Street Lighting.

None.

CEDAR GROVE.

(Population, 498.)

CEDAR GROVE TELEPHONE COMPANY.

Method of generation, current purchased.

Daily operating period, 6 a. m. to midnight.

Commercial Power.

Minimum bill, \$1.00 for the first h. p. or fraction thereof and 40 cts. per h. p. for every additional h. p. or fraction thereof.

Limited Service: (8 a. m. to 4 p. m.)

First 10 kw-hr. per kw. of rated capacity, 10 cts. per kw-hr. Balance of the first 2,000 kw-hr. 4 cts. per kw-hr. All over 2,000 kw-hr. 3½ cts. per kw-hr.

Unlimited Service: (6 a. m. to 12 p. m.)

First 10 kw-hr. per kw. of rated capacity, 10 cts. per kw-hr. Balance of the first 2,000 kw-hr. 4½ cts per kw-hr. All over 2,000 kw-hr. 4 cts. per kw-hr.

A discount of five per cent shall be allowed when bills are paid on or before the 15th of the month.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

None.

CEDAR GROVE.

(Population, 498.)

CEDAR GROVE STOVE CO.

Method of generation, gas.

Daily operating period, dusk to 11 p. m.

Commercial Lighting.

Minimum bill, \$1.00 per month; if customer owns meter, 50 cts. per month.

Current, 15 cts. per kw-hr.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines where distance is 60 feet or less. For longer connections consumer pays for excess.

Street Lighting.

GENERAL:

57—40 watt, 110 volt, d. c. multiple tungsten lamps, burning on an every-night, dusk to 11 p. m. schedule. Rate \$10.40 per lamp per year.

ORNAMENTAL:

None.

CHETEK.

(Population, 829.)

CHETEK LIGHT AND POWER COMPANY.

Method of generation, hydraulic.

Daily operating period, continuous except Sunday.

Commercial Lighting.**METER RATES:**

12 cts. per kw-hr. for the first 30 kw-hr. per month.
 8 " " " " " next 90 " " "
 6 " " " " all over 120 kw-hr. per month.
 Minimum charge: 85 cts. per month.

FLAT RATES:

Business places (stores, saloons, offices, shops, etc.)

2 lights, 45 cts. each per month.

Over 2 lights, 40 cts. each per month.

Lodge Halls. 25 cts. per light per month.*Churches.* 15 cts. per light per month.*Residences and Hotels.*

2 lights 45 cts. each per month.

3 lights 40 " " " "

4 lights 35 " " " "

5-7 lights 30 " " " "

8 lights 27 " " " "

9-10 lights 25 " " " "

Over 10 lights, 23 cts. each per month.

Summer Cottages. One and one-half times the regular residence rates.*All-night lights.* An extra charge of 35 cts. per month will be made for each light kept burning all night.*Discount.* A discount of 5 per cent from the foregoing rates shall be made for payment of bills on or before the 10th of the month following the month for which bill is incurred.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

7-400 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on an all-night moonlight schedule. Rate \$60 per lamp per year.

29-60 watt, 110 volt, a. c. multiple tungsten lamps, burning on an all-night moonlight schedule. Rate \$12 per lamp per year.

ORNAMENTAL:

None.

CHILTON.

(Population, 1,530.)

THE CALUMET SERVICE CO.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

Current, 12 cts. per kw-hr.

Discount as follows:

On bills up to \$2.00—no discount.

On bills from 2.00 to \$5.00—5% discount.

" " 5.00 " 10.00—10% "

" " 10.00 " 25.00—10% and 5% discount.

" " 25.00 " 50.00—10% and 10% "

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

30—2.5 ampere, 220 volt, d. c. multiple arc lamps, burning on an all-night moonlight schedule. Rate \$75 per lamp per year.

14—2.5 ampere, 220 volt, d. c. multiple arc lamps, burning on an all-night moonlight schedule. Rate \$70 per lamp per year.

ORNAMENTAL:

None.

CHIPPEWA FALLS.

(Population, 8,893.)

WISCONSIN-MINNESOTA LIGHT & POWER CO.

Method of generation, hydraulic.

Daily operating period, continual.

Commercial Lighting.**STANDARD RATES.****METER RATES:**

For all lighting service furnished residence and business, herein-after specifically referred to as classes A, B and C, including such incidental use of appliance for heating and power used on a. c. lighting circuits, and passing through the same meter and measured by meter or meters owned and installed by the company a charge of:

Primary rate, 10 cts. per kw-hr. for current used equivalent to or less than the first 60 hours' use per month of active connected load.

Excess rate, 4½ cts. per kw-hr. for all current used in excess of above 60 hours' use per month of active connected load.

ACTIVE CONNECTED LOAD

Shall in each case be a fixed percentage of the total connected load consisting of lamps, appliances etc., installed upon the consumers premises.

In Class A, consisting of residences, dwellings, flats and private rooming houses, where the total connected load is equal to or less than 500 watts nominal rated capacity, 60% of such total connected load shall be deemed active; where the installation exceeds 500 watts nominal rated capacity, 33⅓% of such part of the total connected load over and above 500 watts shall be deemed active.

Class B shall consist of stores, offices, saloons, theaters, depots, halls, garages, banks, express and other public service companies, laundries, dress making parlors, barber shops, billiard halls, card rooms and the post office. In this class 80% of the total connected load shall be deemed active, except such portion as is used for signs, windows and show case lighting or similar advertising purposes, where 20% shall be deemed active. In rating the active connected load all business places not otherwise specifically classified shall be placed in Class B.

In Class C 55% of the total connected load shall be deemed active. Such class shall consist of factories, hotels, clubs, rooming houses, churches and lodge halls, livery stables, blacksmith shops, warehouses and public buildings, including schools, hospitals, the convent, asylum, armory and heating plant.

Miscellaneous: In computing the percentages for the active connected load in classes A, B and C, electric flatirons, cooking utensils, fan and exhaust motors, not exceeding 16 in. in diameter, and all miscellaneous electrical equipment not

used by means of motors and not herein otherwise specified, shall be excluded from the total connected load.

Discount. If payment is made at the company's office on or before the 10th day of the month for all current consumed for incandescent lighting and measured by meters during the preceding calendar month a discount of 10% will be allowed.

The Minimum Bill for service rendered shall be \$0.75 per month. Where company is unable to read meter after reasonable effort, the fact should be plainly indicated upon the monthly bill, the minimum bill of \$0.75 assessed and differences adjusted with the consumer when meter is again read.

Reconnection of Meters. For the reconnection of meters for the same consumer upon the same premises, a charge equivalent to two minimum monthly bills is deemed reasonable.

FLAT RATES:

The company shall not be required at its own expense to install meters for any consumer in Class A having an installation less than five 50 watt lamps or the equivalent thereof in any building, and shall be authorized to charge such consumers \$1 per month for the use of the first 50 watt lamp, 40 cts. for the second 50 watt lamp, and 30 cts. each for all additional 50 watt lamps; nor for consumer in Class B or C, using less than three 50 watt lamps or the equivalent thereof in any building, and shall be authorized to charge such consumer \$1 per month for the use of the first 50 watt lamp, and 50 cts. each for all additional 50 watt lamps; the company may, at its option, install meters for all lighting customers in which event the commercial lighting meter rate shall apply.

Emergency or Standby Service, service charge \$1.80 per year per active 50 watt unit. Energy charge 4.5 cts. per kw-hr. The maximum rate per kw-hr. shall not apply to this service.

Commercial Power.

The rate for power to consumers using 60 cycle alternating current and demanding 5 h. p. or more shall be 75 cts. per month per h. p. demanded, to be based on rated motor capacity, and 2 cts. per kw-hr. for all current consumed; provided that for consumers demanding three or more and less than 5 h. p. for power purposes, the rate shall be \$4.00 per month per h. p. based on rated motor capacity; and on all motors of less than three and more than one h. p. capacity, at the rate of \$5.00 per month per h. p., based on motor capacity; and on all motors of one h. p. or less at the rate of \$6.00 per month per h. p. based on motor capacity; and provided further that the company may, at its option, install meters for all power consumers, in which event the rate above specified for consumers using more than 5 h. p. shall apply; and provided further that for customers using electric lights the company may, at its option, measure the current used by motors of less than 5 h. p. through the lighting meter, in which case the customer shall pay for such current at the lighting rate, but the motor shall not be included in the active rating.

Minimum Power Rate: \$1.00 per month for each motor installed.

Wholesale Power Rate.

Up to 20% load factor 1.2 cts. per electrical horse power hour.

From 20% to 30% load factor 1.1 cts. per electrical horse power hour.

From 30% to 40% load factor 1 ct. per electrical horse power hour.

From 40% to 50% load factor 0.9 cts. per electrical horse power hour.

From 50% to 60% load factor 0.82 cts. per electrical horse power hour.

Over 60% load factor 0.75 cts. per electrical horse power hour.

Provided that the minimum monthly bill under this contract shall be \$150.00 and that the minimum charge per kilowatt of the maximum monthly demand shall be \$1.50, and, provided further that the consumer may, by the service of a written notice of its election so to do, change the rates and minimum charge herein provided for to the regular retail power rate in force, such change, however, shall not affect any other provisions of this contract, and shall be made only at the beginning of the calendar month, and when made shall remain in force for not less than one full month.

Emergency or Standby Service, service charge \$27 per active h. p. per year. Energy charge 3 cts. per kw-hr. The maximum rate per kw-hr. shall not apply to this service.

Reconnection of Meters: For the reconnection of meters for the same consumer upon the same premises, a charge equivalent to two minimum monthly bills is deemed reasonable.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

75—4 ampere, d. c. series, magnetite arc lamps, burning on an all-night every-night schedule. Rate \$51 per lamp per year.

58—100 c. p., 4 ampere, d. c. series tungsten lamps, burning on an all-night every-night schedule. Rate \$16.20 per lamp per year.

ORNAMENTAL:

126 posts, 8 posts to block in pairs; 1—400 c. p., 7.5 ampere, a. c. tungsten lamps, burning from dusk till midnight, with the exception of four lamps at street intersections, which burn all night. Rate \$25 per lamp per year. System paid for by city and maintained by company. Cost of current paid by city.

CLARK MILLS.

(Population, 162.)

OSLO POWER AND LIGHT COMPANY.

(For commercial rate schedule, see Valders.)

Street Lighting.

None.

CLAYTON.

(Population, 220.)

CLAYTON ELECTRIC COMPANY.

Method of generation, gasoline.

Daily operating period, sunset to 11 p. m.

Commercial Lighting.

15 watt lamps \$0.25 per month.

25 " " .35 " "

40 " " .50 " "

60 " " 1.00 " "

No charge is made for connecting consumer's premises with lines.

Street Lighting.

None.

CLEAR LAKE.

(Population, 498.)

CLEAR LAKE ELECTRIC COMPANY.

Method of generation, current purchased.

Daily operating period, continuous except Sunday forenoons.

Commercial Lighting.*Class "A" Residential Rates.*

12 cts. per kw-hr. for the 1st two kw-hr. per room per month.

9 cts. per kw-hr. for additional current.

Monthly minimum bill, 75 cts. for dwellings, private rooming houses and residences having not to exceed six rooms, plus 12½ cts. per room for each room in excess of six rooms.

Class "B" Store Rates.

12 cts. per kw-hr. for the 1st kw-hr. for each unit of space per month as hereinafter defined.

9 cts. per kw-hr. for additional current.

Units of space to be determined by the square feet of floor area of sales floor only, (warehouse rooms and cellars used in connection with store service without increasing the minimum monthly bill or the units of space) as follows:

20 units and monthly minimum bill of \$1.00 for 800 sq. ft. or less.

25 units and monthly minimum bill of \$1.25 for 1,000 sq. ft. or less.

Plus 5 units and 25 cts. added to the monthly minimum bill for each 500 sq. ft. or fraction thereof over 1,000 sq. ft.

Class "C" including banks, barber shops, blacksmith shops, churches, dentists' offices, doctors' offices, law offices, lumber offices, livery stables, lodge halls, pickle salting plants, post offices, printing offices and public garages.

12 cts. per kw-hr. for the first 25 kw-hr.

9 cts. per kw-hr. for additional current.

Monthly minimum bill, \$1.00.

Class "D" including bowling alleys, creameries, pool rooms, public schools, restaurants and saloons and city hall.

12 cts. per kw-hr. for the first 30 kw-hr.

9 cts. per kw-hr. for additional current.

Monthly minimum bill, \$1.50.

Class "E" including canning factories, depots, hotels and moving picture shows.

12 cts. per kw-hr. for the first 40 kw-hr.

9 cts. per kw-hr. for additional current.

Monthly minimum bill, \$2.00.

Class "F" tailoring shops using lighting and flat iron service together.

12 cts. per kw-hr. for the first 10 kw-hr.

9 " " " " next 10 "

6 " " " " additional current.

Monthly minimum bill, \$1.00.

Private garage or barn service supplied in connection with residence or office service and connected on office or residence meter, will be supplied at Class "A" or "C" rates, plus an additional minimum monthly bill of 50 cts. for said service.

Combination service measured through one meter such as residence and office or store and residence will be based upon the higher rate of the two combined, plus one half of the lower monthly minimum charge being added to the higher monthly minimum charge of the two in combination.

Outlying farm service will be supplied at special rates based upon the cost of extra equipment necessary and the number of patrons taking such service.

Cash Discount: For payment within the discount period 10% will be allowed where it does not affect the net monthly minimum charge.

Commercial Power.

POWER RATES:

6 cts. per kw-hr. for the first 30 hours' use of maximum demand and 4 cts. per kw-hr. for all in excess.

The term maximum demand is herein used to mean the rated capacity of motors or motor in horse power multiplied by 746 watts.

Customers having a power installation of 15 h. p. or more shall have the privilege of rating the installation on its maximum demand.

Minimum Power Bill:

The minimum power bill will be \$1.00 per h. p. per month as above determined for the first 10 h. p. and 75 cts. per h. p. for installations in excess of 10 h. p. On installations of ½ h. p. the minimum will be \$1.00 per month.

Whenever motors and lights shall be connected upon the same meter, a minimum charge will be made for both motors and lights.

Reconnection Charge.—Where customers discontinue their electric service no charge will be made for such service, but when service is reconnected, a charge of \$1.00 may be made for same.

Electric Range Service.—Where customers install electric ranges for cooking on a separate circuit for that purpose only, a separate meter will be installed for such service and the following rates will apply, 5.5 cts. per kw-hr. with a monthly minimum bill of \$1.50 subject to the same cash discount as other service.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines if consumer is within one span from present lines. For extensions beyond this distance a charge is made and refunded pro rata as new consumers come in upon extension.

Street Lighting.

GENERAL:

27—80 to 250 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on an all-night every-night schedule. Rate 6 cts. per kw-hr. for 1st 1000 kw-hr. per month, and 3 cts. for all in excess of 1000 kw-hr. per month. 10% discount for payment by 10th of following month.

ORNAMENTAL:

None.

CLEVELAND.

(Population, 550.)

CLEVELAND LIGHT & POWER COMPANY.

Method of generation, kerosene engine.

Daily operating period, sunset to 10 p. m.

Commercial Lighting.

Current, 15 cts. per kw-hr.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

None.

CLINTON.

(Population, 897.)

SOUTHERN WISCONSIN ELECTRIC CO.

Method of generation, steam and hydraulic.

Daily operating period, continuous.

PART I.**Commercial Lighting.**

Primary—15 cts. net, 16 cts. gross per kw-hr. for the first 30 hours' use per month of active load.

Secondary—13 cts. net, 14 cts. gross per kw-hr. for the next 60 hours' use per month of active load.

Excess—7 cts. net, 8 cts. gross per kw-hr. for all in excess of 90 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

Class A shall include residences, dwellings, flats, rooming houses, hotels, sanitariums, hospitals, Y. M. C. A., and clubs in which meals and rooms are furnished. In this class 60 per cent of the first 500 watts connected, and 33⅓ per cent of all in excess of 500 watts connected shall be deemed active if the connected load is equivalent to 50 watts or more per opening. If the connected load is equivalent to less than 50 watts per opening, 60 per cent of the first 500 watts connected, 33⅓ per cent of the next 1,500 watts connected, and 20 per cent of all in excess of 2,000 watts connected shall be deemed active.

Class B shall include banks, offices, stores shops, saloons, billiard and pool halls, depots, theaters, lodge rooms, and clubs, not includable in Class A. In this class 70 per cent of the first 2.5 kw. connected and 55 per cent of all in excess of 2.5 kw. connected shall be deemed active.

Class C shall include public buildings, schools, churches, factories, warehouses, stables, and garages. In this class, 55 per cent of the total connected load shall be deemed active. For all lighting installations exceeding 5 kw. connected load, the active load shall, at the consumer's option, be determined by maximum demand meters. The connected load shall be represented by the total wattage of lamps connected.

Minimum Charge:

| | | |
|-------------|----------------------|-------------------|
| Under | 1 kw. connected load | \$0.60 per month. |
| From 1 to 2 | kw. connected load | .80 per month. |
| From 2 to 5 | kw. connected load | 1.25 per month. |
| Over | 5 kw. connected load | 2.25 per month. |

FIAT RATE SERVICE:

For window lighting, sign lighting and other lighting on company's patrol service or controlled by time switch set by the company:

1½ cts. per month per watt connected less 10 per cent discount if bills are paid within 10 days after date of billing.

Commercial Power.

Primary—7½ cts. net, 8½ cts. gross per kw-hr. for the first 15 hours' use per month of active load.

Secondary—5½ cts. net, 6½ cts. gross per kw-hr. for the next 30 hours' use per month of active load.

Excess—3 cts. net, 4 cts. gross per kw-hr. for all in excess of 45 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

90 per cent of the first 10 h. p. installed shall be deemed active.

75 per cent of the next 20 h. p. installed shall be deemed active.

60 per cent of the next 30 h. p. installed shall be deemed active.

50 per cent of all over 60 h. p. installed shall be deemed active.

Minimum Charge: 75 cts. per month for the first h. p. connected and 25 cts. per month for each additional h. p. connected.

For power used during off-peak hours and measured on the primary side of the power transformers, or if primary motors are used, installation to be 50 h. p. or above; regular power rate with 4 cts. per kw-hr. maximum price guarantee.

Cooking and Heating.

Primary—10 cts. net, 10½ cts. gross per kw-hr. for the first 10 kw-hr. used per month.

Secondary—2½ cts. net, 3 cts. gross per kw-hr. for all over 10 kw-hr. used per month.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Minimum Charge: \$24.00 per year up to and including 6 kw. of aggregate connected load.

\$4.00 per year for each additional kw. of aggregate connected load.

City Pumping.

For off-peak service regular rates with 4 cts. per kw hr. maximum price guarantee.

Wholesale Light and Power.

Primary Charge—\$2.40 per month per kw. of maximum demand up to and including 50 kw. \$2.00 per month per kw. of maximum demand over 50 kw.

Secondary Charge—5 cts. per kw-hr. for the first 1,000 kw-hr. used per month.

3 cts. per kw-hr. for the next 4,000 kw-hr. used per month.

1.1 cts. per kw-hr. for the next 25,000 kw-hr. used per month.

0.9 cts. per kw-hr. for all over 30,000 kw-hr. used per month.

The company shall have the right at any time to require the customer to make a reasonable deposit in advance to secure the prompt payment of bills, such deposit if requested by the customer to bear interest as provided in receipt issued by the company.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

PART II.

Rates for all-year service outside village limits. (See Part II of Delavan schedule.)

PART III.

Rates for summer service. (See Part III of Delavan schedule.)

Street Lighting.

GENERAL:

36—100 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning upon an all-night every-night schedule. Rate \$30 per lamp per year.

ORNAMENTAL:

None.

CLINTONVILLE.

(Population, 1,747.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

Minimum bill, \$1.00 per month.

Current, 10 cts. per kw-hr.

Discount of 5% if bill is paid before the 10th of the month.

Commercial Power.*Service charge* 60 cts. per month per active h. p. installed. The following portions to be considered active.

90% of the first 10 h. p.

80% of the next 10 h. p.

70% of all over 20 h. p.

Energy Charge.

7 cts. gross, 6 cts. net per kw-hr. for first 50 kw-hr. per month per active h. p.

6 cts. gross, 5 cts. net per kw-hr. for next 50 kw-hr. per month per active h. p.

4 cts. gross, 3 cts. net per kw-hr. for all over 100 kw-hr. per month per active h. p.

Difference between gross and net rate to constitute a discount for prompt payment.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

100—80 c. p. and 10—400 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on an all-night moonlight schedule. Flat charge of \$1,725 per year.

ORNAMENTAL:

97 posts. 8 posts to block: 67 posts in pairs, 30 posts staggered; 67 posts with 5—80 c. p., 6.6 ampere, gas filled tungsten lamps each and 30 posts with 1—80 c. p., 6.6 ampere, lamp each. Top lights burn all night, side lights until 11 p. m. System installed by property owners and city. No rates yet established.

CLYMAN.

(Population, 300.)

WISCONSIN GAS & ELECTRIC CO.

Method of generation, current purchased.

Daily operating period, continuous.

To customers signing the company's standard form of contract providing for electric light or power service, the following rates shall apply:

First 50 kw-hr. used during month 15 cts. per kw-hr.

Next 50 kw-hr. used during month 12 cts. per kw-hr.

All over 100 kw-hr. used during month 10 cts. per kw-hr.

The minimum charge for light or power service shall be \$1.00 per month.

The above rates do not include free lamp renewals or renewal allowances on the return of burned out or blackened lamps.

COLBY.

(Population, 869.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, dusk to 12 p. m. and 5:30 to daylight.

Commercial Lighting.

Minimum bill, \$1.00 per month.

Current, 10 cts. per kw-hr.

Arc lamps, outside, \$60.00 per year.

A charge of \$2.00 is made for the reconnection of service.

For service furnished after 12:00 midnight a charge of \$2.00 per hour is made.

For picture shows using light twice a week and paying in advance, a rate of \$5.00 per month is charged.

When bills are not paid in advance, the charge is \$1.00 per night.

Consumers own meters.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

22—150 watt, a. c. multiple tungsten lamps, burning on a moonlight midnight schedule. Rate \$32.76 per lamp per year.

ORNAMENTAL:

None.

COLEMAN.

(Population, 436.)

COLEMAN-POUND LIGHT & POWER CO.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$1.00.

First 20 kw-hr. per month 12 cts. per kw-hr.

Next 30 " " " 11 " " "

" 50 " " " 10 " " "

" 100 " " " 8 " " "

Over 200 " " " 6 " " "

Commercial Power.

Minimum charge per month, \$1.00 per h. p. for the first 2 h. p. and \$0.50 for each additional h. p.

First 50 kw-hr. per month 6 cts. per kw-hr.

Next 50 " " " 5.5 " " "

" 400 " " " 5 " " "

" 500 " " " 4.5 " " "

" 500 " " " 4 " " "

" 500 " " " 3.75 " " "

" 500 " " " 3.5 " " "

Discount of 5% on bills if paid by the 10th of the month.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

5—200 watt, 110 volt, a. c. multiple gas filled tungsten lamps, burning on an every-night dusk to 1 a. m. schedule. Rate \$24 per lamp per year.

5—300 watt, 110 volt, a. c. multiple gas filled tungsten lamps, burning on an every-night dusk to 1 a. m. schedule. Rate \$36 per lamp per year.

1—500 watt, 110 volt, a. c. multiple gas filled tungsten lamp, burning on an every-night dusk to 1 a. m. schedule. Rate \$60 per lamp per year.

ORNAMENTAL:

None.

COLFAX.

(Population, 701.)

COLFAX MILL & POWER PLANT.

Method of generation, hydraulic.

Daily operating period, dusk to 12 midnight; 5 a. m. to daylight.

Commercial Lighting.

METER RATES:

Minimum bill, \$1.00 per month.

Current, 12 cts. per kw-hr.

Discount of 10% where there is used in any month more than 1,000 kw-hr.

FLAT RATES:

Per month for each active connected unit of 50 watt capacity, 16 c. p.:

Business places 45 cts. per month.

Residences 35 " " "

Churches 10 " " "

Commercial Power.

METER RATE:

7 cts. per kw-hr.

FLAT RATE:

For an 8 h. p. motor, \$2.75 per day.

Meters are owned by consumers.

No charge for connecting building to line.

Street Lighting.

GENERAL:

36—40 watt, 220 volt, d. c. multiple tungsten lamps, burning on an every-night midnight 5 a. m. to daylight schedule. Rate \$9 per lamp per year.

ORNAMENTAL:

None.

COLUMBUS.

(Population, 2,523.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, 50 cts.

For all lighting service furnished residences and business (hereinafter specifically referred to as classes A, B and C), including such incidental use of appliances for heating and power used on lighting circuits and passing through the same meter, and measured by a meter or meters owned and installed by the company, a charge of

Primary Rate: 10 cts. net or 11 cts. gross per kw-hr. for current used equivalent to or less than the first 30 hours' use per month of the active connected load.

Secondary Rate: 8 cts. net or 9 cts. gross per kw-hr. for additional current used equivalent to or less than the next 60 hours' use per month of active connected load.

Excess Rate: 6 cts. net or 7 cts. gross per kw-hr. for all additional current used in excess of the above 90 hours' use per month of active connected load.

Active Connected Load shall in each case be a fixed percentage of the total connected load of the lamps installed on the consumer's premises, excluding appliances.

Class A includes residences, flats and private rooming houses. Where the total connected load is equal to or less than 500 watts nominal rated capacity, 60 per cent of such total connected load shall be deemed active; where the installation exceeds 500 watts nominal rated capacity, 33½ per cent or such a part of the total connected load over and above 500 watts shall be deemed active.

Class B includes stores, saloons, offices, banks, halls, theaters, curling rinks, and all other places not herein otherwise specifically provided for. In this class 70 per cent of the connected load shall be deemed active.

Class C includes churches, industrial establishments, livery stables, hotels, schools and hospitals. In this class 55 per cent of the connected load shall be deemed active.

Discount: Utility shall bill all consumers at the gross rate, and the difference between the gross and net rates above specified, or one cent per kw-hr., shall constitute a discount for prompt payment. Discounts shall not be granted after the 15th day of the month following the last date of meter reading.

Reconnection of Meters. For the reconnection of a meter for the same consumer upon the same premises a charge of \$1.00 is made.

Commercial Power.

For current used for power purposes, as measured by meters owned and installed by company, the rate is

25 cts. net per month for the first h. p. or fraction thereof and 25 cts. for each additional h. p. of nominal rated capacity, plus 5 cts. net or 6 cts. gross per kw-hr. for all current consumed.

The provisions for minimum bill, discount, and reconnection of meters as stated under the schedule for commercial incandescent lighting also applies to power.

RATE FOR ELECTRIC COOKING.

Minimum charge per month, \$1.00.

First 50 kw-hr. per month 5 cts. per kw-hr.

Next 100 " " " 4 " " "

All over 150 " " " 3 " " "

Discount of 1 ct. per kw-hr. if bills are paid on or before the 15th day of each month.

MUNICIPAL POWER.

For current used by the water department for pumping the rate shall be 3.5 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

160—100 c. p., 4 ampere, a. c. series gas filled tungsten lamps, burning on an all-night moonlight schedule. Rate \$3.50 per lamp per year, plus 4.5 cts. per kw-hr. for current consumed.

ORNAMENTAL:

32 posts, 8 posts to block; 1—100 watt and 2—60 watt, 110 volt, a. c. tungsten lamps on each post, burning from dark to 11 p. m. Rate \$15.50 per standard per year plus 4.5 cts. per kw-hr. for current consumed. System installed by city. Maintenance and cost of current paid by city.

COMMONWEALTH.

(Population, 911.)

MUNICIPAL PLANT.

Method of generation, service furnished by Florence municipal plant. Daily operating period, dusk to dawn.

Commercial Lighting.

Minimum charge per month, \$0.75.

Current 10 cts. per kw-hr.

Meters are owned by town.

A charge of \$1.00 is made for connecting consumer's premises with lines.

COON VALLEY.

(Population, 291.)

COON VALLEY MILLING & LIGHTING PLANT.

Method of generation, hydraulic.

Daily operating period, dusk to 11 p. m.

Commercial Lighting.**METER RATES:**

Current 12½ cts. per kw-hr.

FLAT RATES:

25 cts. per lamp per month.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines if distance is 300 ft. or less. Consumer pays actual cost of excess.

Street Lighting.**GENERAL:**

16—40 watt, d. c. multiple tungsten lamps, burning on an every-night dusk to 11 p. m. schedule. Rate \$7.80 per lamp per year.

ORNAMENTAL:

None.

CORLISS.

(Population, 525.)

WISCONSIN GAS & ELECTRIC CO.

Method of generation, current purchased.

Daily operating period, continuous.

I. STANDARD RATE.

To customers signing the company's standard forms of contract, providing for service for one year or more, the charge for electric service shall be computed on the following basis:

Demand Charge:

| | | |
|---------|--|------------------------|
| \$42.00 | per year for each kw. of demand of the first | 10 kw. |
| 30.00 | " | " " next 50 " |
| 24.00 | " | " " next 140 " |
| 18.00 | " | " " in excess of 200 " |

Payable in equal monthly instalments, plus an energy charge as follows:

Energy Charge:

- 4 cts. per kw-hr. for the first 1,000 kw-hr. consumption during month;
 - 3 cts per kw-hr. for the next 3,000 kw-hr. consumption during month;
 - 2 cts. per kw-hr. for the next 6,000 kw-hr. consumption during month;
 - 1½ cts. per kw-hr. for the next 40,000 kw-hr. consumption during month;
 - 1.3 cts. per kw-hr. for all energy in excess of 50,000 kw-hr. consumption during month.
- 1. The foregoing rate shall apply to all customers utilizing company's electric service for lighting and receiving free renewals of company's standard lamps.
 - 2. The foregoing rate less ½ ct. per kw-hr. shall apply to all customers utilizing company's service and not receiving free renewals of company's standard lamps.

(A.)—Electric Lighting.

- 1. This service will include:
 - (a) Electric energy furnished for lamps and other appliances utilized for illumination purposes, except as hereinafter specifically exempted.
 - (b) Motors and appliances other than lighting equipment, where provided with a starting apparatus designed to limit the initial or starting current to a value not exceeding 2½ times the full load current, alternating current motors of ¼ h. p. when wound for 110 volts and of ½ h. p. when wound for 220 volts, the aggregate rated capacity of such appliances not to exceed 2 kw., will be included in this class when used in connection with lighting equipment and when the connected load of such motors and appliances does not exceed the aggregate rated capacity of lighting equipment.
- 2. Should the conditions of use of customer's demand be obviously such that he would never earn a lower rate under the Standard than under the Increment Rate Schedule, the Increment Rate Schedule set forth in Section II hereof shall apply. (Contract form No. 759-C.) The Increment Lighting Schedule is optional with the Standard Rate.
- 3. In the application of the Standard Rate one integrating watt meter only shall be provided for the measurement of energy, unless accuracy of measurement requires the installation of more than one meter. Where demand meters are installed, only one set of meters shall be used, and the arithmetical sum of their readings shall be used in computing demand.
- 4. (a) Exclusive lighting customers having installations of 2 kw. or less shall purchase service providing for free lamp renewals.
 - (b) In exclusive lighting installations of more than 2 kw. connected, it is optional with the customer whether he shall take the rate providing for free lamp renewals.
 - (c) In exclusive lighting installations of more than 2 kw. connected and where customer desires to contract for service without free lamp renewals, the energy charge shall be ½ ct. per kw-hr. less than that provided above and contract form No. 1938-C shall be endorsed "Without Renewals of Lamps."
- 5. The maximum rate of charge for energy for lighting service is set forth in Section II.
- 6. The following table shows the various contract forms under which commercial electric lighting service is sold, and the application of such forms in the various classes of service:

| Form No. | TITLE | APPLICATION |
|----------|---|---|
| 759-C | Contract for Electric Service. | (a) Lighting under Increment Schedule with free renewals of company's standard lamps. |
| 759-C | | (b) "Short Time" lighting service. |
| 759-C | | (c) Not to be used for power service. |
| 1938-C | Contract for Commercial Electric Service. | (a) Commercial lighting under Standard Rate with renewals of company's standard lamps. |
| 1938-C | | (b) Commercial lighting service over 2 kw. under Standard Rate, without renewals of company's standard lamps when endorsed "Without Renewals of Lamps." |

(B.)—Power.

1. This service will include:
 - (a) Electric energy utilized for motive and heating purposes, and miscellaneous lighting service, where the demand arising from such miscellaneous lighting service shall not be in excess of 20% of the total simultaneous demand for lighting and power service.
 - (b) Stereopticons, moving picture machines, photographer's arc lamps and rectifiers shall be classed as power equipment.
2. In the practical application of the Standard Rate, it is found that customers divide themselves generally into two classes—one in which the demand and hours' use is so small that they receive no advantage under the Standard Rate, and the other class in which the Standard Rate results in a lower unit cost than the Increment Schedule. In the case of Unlimited, or On-Peak Service, all contracts for demands of 54 kilowatts or less and requiring an average use of the demand of about 215 hours per month should be written under the Increment Rate Schedule (Contract Form No. 1960-C). Contracts for demands in excess of 54 kilowatts and 215 hours use per month should be written under the Standard Rate (Contract Form No. 1968-C).
3. Where service for lighting or other application requiring single phase current is desired by customer to be supplied through meter measuring energy as polyphase power service, the unbalancing of the phases of the polyphase service arising from the use of the service for lighting or other purposes shall not exceed 10% of the demand in kilowatts contracted for or measured. The power factor of such unbalanced single phase load shall not be less than 75%. Should customer's demand for single phase service exceed the above, the same shall be divided as nearly as practicable to obtain a balanced condition of the polyphase service. Customer may contract for single phase requirements in excess of 10% of polyphase demand as a separate single phase service. Where miscellaneous lighting service is supplied through the same meter as "Power" service (B), customer shall be required to supply apparatus for rendering available 120 volts for lighting service, if such be required.

6—E. R.

4. *Optional or Increment Rate for Power Service.*

Service specified as power may be contracted for at the option of the customer at the following rates:

First 100 kw-hr. during any month 8 cts. per kw-hr.

Next 100 " " " " 6 " " "

Next 100 " " " " 5 " " "

Next 300 " " " " 4 " " "

All energy in excess of 600 kw-hr. during any month, 3 cts. per kw-hr.

(a) The foregoing optional rate for power does not include renewals of any incandescent lamps.

(b) The foregoing rate is subject to the minimum monthly payments specified in Section II, (B), 3.

5. The following table shows the various contract forms under which power service is sold, and the application of such forms to the various classes of service.

| Form No. | TITLE | APPLICATION |
|----------|--|--|
| 1960-C | Contract for Electric Power Service, Increment Rate. | (a) Power and miscellaneous light where demand and energy consumption are small or less than about 54 kw. at 215 hours per month use of demand. (b) "Short Time" power service. |
| 1968-C | Electric Power Agreement. | (a) Power and miscellaneous light under standard rate. |

(C).—*Combined Lighting and Power Service.*

This service will include electric energy specified as "lighting" (A), and electric energy specified as "power" (B), where such combination service is supplied through the same meter.

SPECIAL SERVICES.

(D).—*Limited or Off-Peak Service.*

The foregoing rates for "lighting" service (see "A"), "power" service (see "B"), and "combined lighting and power service" (see "C"), less one-half of the demand charge, shall apply to customers contracting to utilize and utilizing the service only at times during the calendar day other than during the hours of the month, specified as follows:

| Month | Hours during which service shall not be used |
|----------------|--|
| October | 5:30 p. m. to 7:00 p. m. |
| November | 5:00 p. m. to 7:00 p. m. |
| December | 4:30 p. m. to 7:00 p. m. |
| January | 4:40 p. m. to 7:00 p. m. |
| February | 5:20 p. m. to 7:00 p. m. |
| March | 6:00 p. m. to 7:00 p. m. |

1. Customers shall install and maintain in operating condition an automatic time switch of the type approved by the company.

2. Service under the off-peak schedule for demands of less than 10 kw. will not be solicited or recommended, but will be sold on application. The saving to the customer is small and the complication introduced greater than that warranted by the saving in cost of service.

3. In many cases, customers signing limited service contracts will require some service for lighting during the hours that service is not available under this schedule. In such cases, contract shall include a small demand under the unlimited service schedule, and all energy supplied under both schedules shall be measured by one meter. In computing the demand charge and the application of the four steps of the demand charge hereto, the demand charge for the unlimited service shall first be computed and the charge for the limited service shall be continuous thereafter. For example, if the customer contracts to purchase 10 kw. of unlimited service and 50 kw. of limited service, the monthly demand charge is computed as follows:

10 kilowatts at \$3.50.....\$35.00
 50 kilowatts at 1.25..... 62.50

4. Limited or off-peak service shall be sold only on annual contracts. On-peak service to supplement off-peak service during the off-peak hours shall not be sold at the short time or increment rate.
5. The following table shows the various contract forms under which power service is sold, and the application of such forms to the various classes of service:

| Form No. | TITLE | APPLICATION |
|----------|---|---|
| 1964-C | Limited Electric Power Agreement. | (a) Off-peak power service. |
| 1974-C | Combined Unlimited and Limited Electric Power Agreement. | (a) Combined "on" and "off" peak power and miscellaneous lighting. |
| 2377-C | Combined Unlimited and Limited Commercial and Electric Light and Power Service. | (a) Combined "on" and "off" peak commercial lighting and miscellaneous power. |

(E.)—*Ten-Seven Service.*

The foregoing rates for "power" service "B" less three-fourths of the demand charge shall apply to all customers contracting to utilize and utilizing company's service only during the hours 10:00 p. m. to the following 7:00 a. m. Customer shall install and maintain in operating condition an automatic time switch of the type approved by the company.

1. Contract form No. 1971-C shall be used for "Ten-seven" power service.

(F.)—*Unlimited Breakdown Service.*

The foregoing rates for "lighting and power" service (C) under unlimited service, shall apply for breakdown or emergency service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the cus-

tomter and approved and controlled by the company. It shall be set to open when the demand exceeds 125% of the kilovolt-ampere demand contracted for.

1. Contract form No. 1969-C shall be used for "unlimited breakdown service."

(G.)—*Limited Breakdown Service.*

The foregoing rates for "lighting and power" service (C) under limited and off-peak service, shall be furnished for breakdown or emergency service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the company. It shall be set to open when the demand exceeds 125% of the kilovoltampere demand contracted for.

1. Contract form No. 1970-C shall be used for "limited breakdown service."

II. MAXIMUM RATE FOR LIGHTING SERVICE AND MINIMUM PAYMENTS.

(A.)—*Maximum Rate for Lighting Service.*

1. Maximum rate of charge for commercial electric lighting service (Section I, "A") during any month shall not exceed:

First 100 kw-hr. during any month 12 cts. per kw-hr.

Next 100 " " " " 10 " " "

Next 100 " " " " 8 " " "

Next 300 " " " " 6 " " "

All over 600 " " " " 4 " " "

2. The foregoing rate is subject to prompt payment discount and includes free renewals of company's standard carbon filament lamps and renewal allowances on tungsten or other special lamps.
3. Customers may purchase service without lamp renewals, in which case these rates per kw-hr. shall be reduced $\frac{1}{2}$ ct.
4. The foregoing limitation of the maximum rate of charge for commercial electric lighting service applied only to exclusively commercial lighting customers and shall not apply to any customer purchasing service for combined lighting and power, breakdown service, or combined unlimited and limited service.

(B.)—*Minimum Monthly Payments.*

1. The minimum monthly payment to be made by any customer, except customers purchasing exclusively electric lighting service, or power service at the optional or increment power rate, shall be the monthly instalment of the annual demand charge.
2. A minimum monthly bill shall be charged of 50 cts. net to customers having connected loads of 300 watts or less and \$1.00 to customers having connected loads in excess of 300 watts, to cover such expenses occasioned by the individual customer as billing, inspecting and maintaining meter and service connections, etc. In addition to such minimum bill a charge of \$1.50 shall be made for each arc lamp installed.
3. A minimum monthly bill under the optional or increment rate for power shall be charged of \$1.50 for an installation of 2 h. p. or less, nominal rated capacity, plus 75 cts. for each additional h. p. or fraction thereof (or \$1 per kw.) nominal rated capacity.
4. A minimum monthly bill for any power customer having an installation of 2 h. p. or less and purchasing service either under the standard or under the optional or increment rate shall be charged of \$1.50.

III. MEASUREMENT OF DEMAND.

The demand is defined as the greatest rate at which electrical energy is used by the customer within any period of fifteen consecutive minutes during the contract year, subject to the methods of determining demand hereinafter specified.

(A.)—*Lighting Service.*

1. For lighting installations of 2 kw. or less, the demand shall be assessed as 100% of the first 300 watts, plus 66⅔% of the connected load in addition to the first 300 watts.
2. Where the demand is assessed all sockets not containing lamps shall either be removed or sealed by the company, or counted at 50 watts each.
3. For installations of over 2 kw. the demand shall be measured by permanently installed demand meters, or by monthly readings taken during the normal peak demand of the service. Such readings may be ascertained at the option of the company by counting revolutions of the watt meter disc, or by printing quarterly hourly readings of the watt meter, or by a graphic recording watt meter, or by the so-called Wright demand meter.

(B.)—*Power Service.*

1. The maximum demand upon which the monthly charge for power service (see B) is based shall not be less than 75 per cent of the highest demand ascertained during the period of twelve months ended with the current month.
2. For power installations of 2 kw. connected or less, the demand shall be assessed as 75% of the connected load, as indicated by the manufacturer's rating.

(C.)—*Temporary Assessment of Demand.*

In installations in excess of 2 kw. connected, where customer is connected for service during a month during which the maximum measured demand shall be less than the probable demand obtaining during November, December, January or February, the demand will be assessed in accordance with the following rules, and such assessed demand will be corrected as soon as the actual demand for the year has been measured, and the difference in the demand rate billed upon the assessed or estimated demand, and the demand rate based upon the actual or measured demand shall be credited to the customer or paid by customer as the case may be.

1. In Class "1" customers (lighting service) the assessed demand shall be determined as follows:

100% of the first 300 watts connected;
66⅔% of the next 1,700 watts connected;
55% of all in excess of the first 2,000 watts connected.

Class 1 customers shall include all lighting customers except those designated as Class 2.

2. In Class "2" customers (lighting service) the assessed demand shall be determined as follows:

100% of the first 300 watts connected;
66⅔% of the next 1,700 watts connected;
40% of all in excess of the first 2,000 watts connected.

Class 2 customers shall consist of federal and county buildings, churches and missions, hotels and clubs, factories (including small industrial establishments such as machine shops, carpenter shops, blacksmith shops, tin shops and cigar factories closing not later than 6 p. m.) private and parochial schools, grain and tobacco elevators and warehouses, freight and stor-

age warehouses, stables and garages, both private, boarding and livery, and furniture stores occupying two or more floors above street level.

3. In Class 3 (Power Service) the assessed demand shall be determined as a percentage of the total connected load as indicated by the manufacturer's rating.

Where installations are under 10 h. p. 75%;

" " " over 10 " and less than

50 " 65%;

" " " over 50 " 55%.

4. If customer's connected load is permanently decreased, the Demand Charge shall be reduced accordingly. Where customer's connected load is 2 kw. or less, the demand shall be reassessed. If customer's load is in excess of 2 kw., the demand is determined by measurement and the time at which the change in connected load occurs will influence the basis upon which the new demand charge will be determined. If the customer's connected load is reduced prior to December 15 of the customer's contract year, the demand may be remeasured and the new demand so ascertained be taken as the basis of the Demand Charge for the remaining portion of the customer's contract year. If the customer's installation be reduced subsequent to December 15 of the customer's contract year, then the new demand charge shall be determined upon the basis of the temporary assessed demand, as provided in the preceding paragraphs, and such assessed demand will continue to be the basis upon which the customer shall be billed for service until a new demand shall be ascertained by measurement during the months of November, December, January and February following.

IV. RESIDENCE LIGHTING SERVICE.

To customers contracting for residence electric service with free renewals of company's standard lamps for periods of one year or more, the following rate shall apply:

- (a) Primary charge of 12 cts. per kw-hr. for

1. The first 4 kw-hr. consumed per month for each of the first four active rooms.

2. The first $2\frac{1}{2}$ kw-hr. consumed per month for each of the active rooms in excess of the first four.

All rooms except the following, shall be computed as active:

Three rooms (which are primarily or may be used as bed rooms, including therein finished attic or garret room) bathrooms, basements, garrets, closets and back porch.

- (b) Secondary charge of 5 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate in (a) up to a total of 7 kw-hr. consumed per month per active room.

- (c) Tertiary charge of 2 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate (a) and secondary rate (b) or for all energy consumed in excess of 7 kw-hr. per active room per month.

1. The quantity of energy paid for at the primary rate (a) is not included in the energy computed at the secondary rate (b) or at the tertiary rate (c).

2. In determining the number of active rooms all rooms, whether containing lights or not, shall be counted, except the following: three rooms (which are primarily or may be used as bed rooms, including therein finished attic or garret rooms), bathrooms, basements, garrets, closets and back porch.

3. A room used as a children's nursery or work room and containing a couch sometimes used as sleeping quarters is not classed as a bedroom.
4. Halls and hallways used and furnished as living rooms and having an area in excess of 120 square feet are classed as active rooms.
5. A part of a room not cut off by partition and door, which is generally known as an alcove, shall not be counted as an additional active room unless it is furnished and used for a distinctly different purpose or its area exceeds $33\frac{1}{3}\%$ of the total area of the room and alcove.
6. Front, side and back porches with or without lights are not classed as active. Back porches are specifically excepted in rate schedules, as, in many cases, they are enclosed and used as a summer kitchen, or dining room, and as such might be taken as a room.
7. Where service for a barn or garage is supplied through the same meter as that through which service for the residence is supplied, all active rooms in garage or barn are added to those of the house and the rate applied.
8. Where separate meters are supplied, a garage or barn shall be treated as a separate residence.
9. All classes of domestic heating and power consuming devices may be supplied through the meter by which the lighting service is measured, in which case this rate shall apply.

Battery charging outfits, refrigerating outfits, non-portable air compressors or vacuum cleaners, or similar apparatus not in use between the hours of 4:30 p. m. and 8:30 p. m. may be supplied through the residence meter.

Motors and other power consuming devices, when connected to residence service meter, must conform to the following rules:

All such motors and devices must be equipped with starting and regulating apparatus to limit automatically the initial current in starting to an amount not exceeding $2\frac{1}{3}$ times the full load current, as determined by manufacturer's rating. Motors or other devices having a rated capacity greater than $\frac{1}{2}$ kw. shall be wound for 240 volts and customer shall arrange building wiring and meter loops for three-wire service and meter.
10. Elevators and wireless telegraph apparatus using service intermittently shall not be supplied at residence rates or from residence service connection. Such apparatus must be supplied from power mains and, where a special extension of power service is required, customer shall pay the cost of the necessary extension in accordance with the rules of the company governing such extension of service. Customers shall contract for service for such apparatus at the company's power rates.
11. In apartment houses, each apartment shall be classed as a separate residence. The public portions of the building, such as hallways, elevators, and enclosures, public dining rooms and kitchens, pantries, etc., connected therewith shall be treated separately. Service for such portions of the building may be purchased either under the Residence Rates (IV) or the Standard Commercial Lighting Rates (I-A) at the option of the purchaser. If service is furnished at the Residence Rate (IV), the energy charge to be paid for monthly at the primary rate shall be computed upon the basis of one active room per floor (exclusive of basement), multiplied by the number of main en-

trances to the building, plus the rooms used as kitchens, building storerooms, pantries, dining rooms and offices. The active rooms in janitor's quarters, if supplied through the same meter as public portions of the building, shall be added. Janitor's quarters metered separately shall be treated as a separate residence.

12. The residence schedule shall not be applied to any apartment house wherein the landlord or agent is billed for the entire service consumed in the building and rebills the service to the occupants of the apartments. In such cases the Increment Lighting Rate (II) shall be used.
13. The Residence Schedule shall not be applied to customers whose practice it is to have service cut off during the summer months. It shall be applied to only those who sign contracts providing for service by the year and who pay at least the minimum monthly payment provided for in the contract. When company is unable to read meters for any month or months, the quantity of energy to be paid for monthly at the primary rate shall be increased pro rata.
14. Customers occupying a portion of a business building as a residence may combine residence service with commercial lighting service through one meter. In no case, however, shall the Residence Rate be combined with the Commercial Lighting Rate and Residence Rates cannot be applied to such combination service.

(D.)—*Minimum Payments.*

To customers executing company's standard form of residence lighting contract at foregoing rates and using the service for periods of one year or more, the minimum charge shall be 50 cts. per month net.

(E.)—The following shows the various contract forms under which residence service is sold and the application of each form:

| Form No. | TITLE | APPLICATION |
|----------|---|---|
| 1939-C | Contract for Residence Lighting Service. | Residence service for periods of one year or more, Standard Rate. |
| 2399-C | Short Time Residence Electric Lighting Service. | Short time residence electric lighting service. |

V. DISCOUNT FOR PROMPT PAYMENT.

1. On bills paid at the office of company or its authorized collection agencies within ten days of date of bills, a discount of 5% of the first \$25.00 of all bills and 1% on amounts in excess of \$25.00 will be given.
2. On bills for electric service supplied to the federal, county and city governments, paid at the office of the company or its authorized collection agencies within 60 days of the date of bill, the prompt payment discount provided for in the contract under which such service is sold, will be allowed.

VI. SHORT TIME RATES.

To customers obtaining service for periods of less than one year and subject to a charge for the cost of connection and disconnection of service and meter, the charge for electric service shall be computed according to the following schedules and with the prompt payment discount set forth in Section VI, applying thereto, viz.:

(A.)—*Commercial Lighting Service.*

First 100 kw-hr. during any month 12 cts. per kw-hr.;

Next 100 " " " " 10 " " "

Next 100 " " " " 8 " " "

Next 300 " " " " 6 " " "

All energy in excess of 600 kw-hr. during any month, 4 cts. per kw-hr.

1. The foregoing rate includes free renewals of company's standard incandescent lamps and renewal allowances on tungsten or other special lamps.
2. When free renewals of company's standard lamps or renewal allowances on tungsten or other special lamps are not obtained by customer, contract for service shall be endorsed "Without Lamp Renewals," and the foregoing rate shall be reduced $\frac{1}{2}$ ct. per kw-hr.
3. For reconnection of meter for the same customer upon the same premises a charge of \$1.50 shall be made.

(B.)—*Residence Lighting Service.*

1. The rate per kw-hr. for short time residence electric lighting service, subject to the minimum monthly payment of 50 cts. during any month, shall not exceed 12 cts.
2. The foregoing rate includes free renewals of company's standard incandescent lamps and renewal allowance on tungsten or other special lamps.
3. For reconnection of meter for the same customer upon the same premises a charge of \$1.50 shall be made.

(C.)—*Power Service.*

First 100 kw-hr. during any month 8 cts. per kw-hr.

Next 100 " " " " 6 " " "

Next 100 " " " " 5 " " "

Next 300 " " " " 4 " " "

All energy in excess of 600 kw-hr. during any month 3 cts. per kw-hr.

1. The foregoing rate is subject to the minimum monthly payment specified in Section II.
2. For the reconnection of meter for same customer upon the same premises a charge of \$1.50 shall be made.

VII. RENEWALS OF STANDARD INCANDESCENT LAMPS.

1. To entitle customers to free renewals of company's standard carbon filament incandescent lamps or to allowances on the renewals of tungsten or other special lamps, the first installation of such lamps or any increase thereof shall be purchased from the company by the customer at the company's published prices.
2. Company will sell incandescent lamps to its electric service customer only in accordance with the schedules filed with the Railroad Commission.

VIII. RENTAL OF METERS.

(A.)—In case the customer desires integrating watt meters installed to measure the consumption of electrical energy by various floors, departments, or tenants, company will install such meters upon yearly contracts and charge therefor the following:

Charge for Installation

| Size and type of meter | One meter | Additional meters installed at same time as first meter, each | Annual rental charge payable in 12 equal monthly installments or otherwise as agreed upon |
|----------------------------------|-----------|---|---|
| Single Phase and Direct Current: | | | |
| 10 amp and smaller | \$1.00 | \$0.50 | \$3.00 |
| 15 amp. to 75 amp. | 1.50 | .75 | 6.00 |
| 100 amp. to 300 amp. | 3.00 | 1.00 | 12.00 |
| 3 phase meters: | | | |
| 5 amp. to 25 amp. | 1.50 | 0.75 | 6.00 |
| 50 amp. to 150 amp. | 3.00 | 1.00 | 12.00 |

The company will not obligate itself to supply the readings of the individual meters, nor assume any responsibility for their accuracy.

(B.)—Should customers desire rented meters tested and report thereon made, the company will make such test and report and charge therefor the following:

Charge for Testing and Report

| Size of meter | One meter | Additional meters tested at same time as first meter, each |
|--------------------------|-----------|--|
| 5 amp. to 25 amp. | \$2.00 | \$1.00 |
| 40 amp. to 150 amp. | 2.50 | 1.50 |

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

30—100 c. p., tungsten lamps, burning all night, every night. Rate first 25 lamps \$30 per lamp per year; each additional lamp \$25 per year.

ORNAMENTAL:

None.

CORNELL

(Population, —)

MUNICIPAL PLANT.

Method of generation, —

Daily operating period, dusk to 11 p. m.

Commercial Lighting.

Minimum charge per month, \$0.75.

First 7½ kw-hr. per month 10 cts. per kw-hr.

All above 7½ kw-hr. per month, 8 cts. per kw-hr.

Commercial Power.

Current, 7 cts. per kw-hr.

A deposit of \$3.00 is required from consumers to insure payment of bills.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

5—250 c. p., 5 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight dusk to 11 p. m. schedule. No charge.

14—150 c. p., 4 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight dusk to 11 p. m. schedule. No charge.

ORNAMENTAL:

None.

CRANDON.

(Population, 1,833.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, dusk to dawn.

Commercial Lighting.

Minimum bill, 75 cts. per month. No discount on minimum bill.

Current, 11 cts. per kw-hr.

Discount, 10% if paid by the 15th of the month.

Meters are owned by utility.

No charge for connecting building to line.

Street Lighting.

GENERAL:

21—6.6 ampere, a. c., series carbon arc lamps, burning on an all-night every-night schedule. Rate \$84 per lamp per year.

ORNAMENTAL:

None.

CROSS PLAINS.

(Population, 725.)

CROSS PLAINS ELECTRIC COMPANY.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$0.50.

Current, 10 cts. net or 11 cts. gross per kw-hr.

Difference between gross and net rate constitutes a discount if bill is paid by the 10th of the month following that for which service was furnished.

Commercial Power.

Minimum monthly charge, \$0.50 per h. p.

Current, 5 cts. per kw-hr.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

12—100 watt, 110 volt, a. c. multiple gas filled tungsten lamps.

Current paid for at 10 cts. per kw-hr. by public subscription.

ORNAMENTAL:

None.

CUBA CITY.

(Population, 967.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continual.

Commercial Lighting.**METER RATE:**

Current, 10 cts. per kw-hr.

50% discount on all current used in excess of \$12.00 worth per month.

FLAT RATE:

8 c. p., 25 cts. per month; 16 c. p., 50 cts. per month; 32 c. p., \$1.00 per month.

Commercial Power.

Minimum monthly charge, \$1.00 per h. p.

First 100 kw-hr. per month 8 cts. per kw-hr.

Next 200 " " " 7 " " "

Next 200 " " " 6 " " "

All over 500 " " " 5 " " "

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**30—100 c. p., and 30—60 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning every night from dusk to 11 p. m.
No charge.**ORNAMENTAL:**

None.

CUDAHY.

(Population, 3,691.)

MILWAUKEE LIGHT, HEAT & TRACTION COMPANY.

(For commercial rate schedule, see M. L. H. & T. Co., Milwaukee, Part I.)

Street Lighting.**GENERAL:**

72—4 ampere, d. c. series magnetite arc lamps, burning all night, every night. Rate \$65 per lamp per year.

ORNAMENTAL:

None.

CUMBERLAND.

(Population, 1,445.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, sunset to sunrise.

Commercial Lighting.**METER RATES:**

Minimum bill, 75 cts. per month, irrespective of whether the meter is owned by the city or the consumer.

Current, 10 cts. per kw-hr. for the first 30 hours' use per month of the active load.

8 cts. per kw-hr. for all over 30 hours' use per month of the active load.

Active load for churches, residences and schools to be considered
50% of the full connected load; for all other classes of service
100% of the full connected load.

FLAT RATES:**Residences:**

| | |
|-------------------------|---------|
| 8 c. p. per month | 18 cts. |
| 16 c. p. " " | 35 " |
| 24 c. p. " " | 53 " |
| 32 c. p. " " | 70 " |

Lamps of other capacity at proportionate rates.

The following flat rates shall apply to all business places until
meters are installed:

| | |
|-------------------------|---------|
| 8 c. p. per month | 20 cts. |
| 16 c. p. " " | 40 " |
| 24 c. p. " " | 60 " |
| 32 c. p. " " | 80 " |

All-night lamps: 16 c. p. per month 50 cts.

No lamps of less than 8 c. p. contracted for on flat rate.

Lamps of other capacity at proportionate rates.

SPECIAL RATES:

Schoolhouse, per year (present installation) \$100.00.

Consumer must pay for connecting building to line.

All current sold other than to residences and city must be metered.

Utility reserves right to install meters where lights may be installed
under a flat rate contract.

All contracts for electric lights must be made with the owner of the
premises to be lighted.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

18—4 light Benjamin clusters, gas filled tungsten lamps, burning
all night, every night. Rate \$12 per lamp per year.

67—100 watt, 110 volt, a. c. multiple tungsten lamps, burning all
night, every night. Rate \$12 per lamp per year.

ORNAMENTAL:

None.

DALLAS.

(Population, 342.)

ANDERSON ELECTRIC COMPANY.

Method of generation, hydraulic.

Daily operating period, dusk to 11:30 p. m. daily; Saturdays to 12
p. m.; Sundays dusk to 11 p. m.; 5 a. m. to daylight.

Commercial Lighting.**METER RATES:**

10 cts. net or 11 cts. gross per kw-hr.

Difference between net and gross rate constitutes a discount when
bills are paid before 10th of the month following that for
which service was rendered.

FLAT RATE:

1 ct. per watt per month.

Minimum charge per month \$1.00 for both metered and flat rate
service.

Meters are owned by consumers.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

11—100 watt, 110 volt, d. c., multiple gas filled tungsten lamps, burning from dusk to 11:30 daily, with the exception that on Saturdays the lamps burn until midnight, and on Sundays until 11 p. m. Rate \$12 per lamp per year.

ORNAMENTAL:

None.

DANE.

(Population, 296.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$0.75.

First 30 kw-hr. per month 12 cts. per kw-hr.

All over 30 " " " 10 " " "

Commercial Power.

Minimum charge per month, 50 cts. per h. p.

First 50 kw-hr. per month 8 cts. per kw-hr.

Next 50 " " " 6 " " "

All over 100 " " " 4.5 " " "

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

19—250 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning from dusk to 11 p. m. and from 1:15 a. m. to 2:15 a. m. Question of rates pending.

ORNAMENTAL:

None.

DARIEN.

(Population, 625.)

SOUTHERN WISCONSIN ELECTRIC CO.

Method of generation, steam and hydraulic.

Daily operating period, continuous.

PART I.**Commercial Lighting.**

Primary—15 cts. net, 16 cts. gross per kw-hr. for the first 30 hours' use per month of active load.

Secondary—13 cts. net, 14 cts. gross per kw-hr. for the next 60 hours' use per month of active load.

Excess—7 cts. net, 8 cts. gross per kw-hr. for all in excess of 90 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

Class A shall include residences, dwellings, flats, rooming houses, hotels, sanitariums, hospitals, Y. M. C. A., and clubs in which meals and rooms are furnished. In this class 60 per cent of the first 500 watts connected, and 33⅓ per cent of all in excess of 500 watts connected shall be deemed active if the connected load is equivalent to 50 watts or more per opening. If the connected load is equivalent to less than 50 watts per opening, 60

per cent of the first 500 watts connected, 33½ per cent of the next 1,500 watts connected, and 20 per cent of all in excess of 2,000 watts connected shall be deemed active.

Class B shall include banks, offices, stores, shops, saloons, billiard and pool halls, depots, theaters, lodge rooms, and clubs not includable in Class A. In this class 70 per cent of the first 2.5 kw. connected and 55 per cent of all in excess of 2.5 kw. connected shall be deemed active.

Class C shall include public buildings, schools, churches, factories, warehouses, stables, and garages. In this class, 55 per cent of the total connected load shall be deemed active. For all lighting installations exceeding 5 kw. connected load, the active load shall, at the consumer's option, be determined by maximum demand meters. The connected load shall be represented by the total wattage lamps connected.

Minimum Charge:

| | | |
|-------------|----------------------|-------------------|
| Under | 1 kw. connected load | \$0.60 per month. |
| From 1 to 2 | kw. connected load | .80 per month. |
| From 2 to 5 | kw. connected load | 1.25 per month. |
| Over | 5 kw. connected load | 2.25 per month. |

FLAT RATE SERVICE:

For window lighting, sign lighting and other lighting on company's patrol service or controlled by time switch set by the company:

1½ cts. per month per watt connected less 10 per cent discount if bills are paid within 10 days after date of billing.

Commercial Power.

Primary—7½ cts. net, 8½ cts. gross per kw-hr. for the first 15 hours' use per month of active load.

Secondary—5½ cts. net, 6½ cts. gross per kw-hr. for the next 30 hours' use per month of active load.

Excess—3 cts. net, 4 cts. gross per kw-hr. for all in excess of 45 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

- 90 per cent of the first 10 h. p. installed shall be deemed active.
- 75 per cent of the next 20 h. p. installed shall be deemed active.
- 60 per cent of the next 30 h. p. installed shall be deemed active.
- 50 per cent of the over 60 h. p. installed shall be deemed active.

Minimum Charge: 75 cts. per month for the first h. p. connected and 25 cts. per month for each additional h. p. connected.

For power used during off-peak hours and measured on the primary side of the power transformers, or if primary motors are used, installation to be 50 h. p. or above; regular power rate with 4 cts. per kw-hr. maximum price guarantee.

Cooking and Heating.

Primary—10 cts. net, 10½ cts. gross per kw-hr. for the first 10 kw-hr. used per month.

Secondary—2½ cts. net, 3 cts. gross per kw-hr. for all over 10 kw-hr. used per month.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Minimum Charge: \$24.00 per year up to and including 6 kw. of aggregate connected load.

\$4 per year for each additional kw. of aggregate connected load.

City Pumping.

For off-peak service regular rate with 4 cts. per kw-hr. **maximum** price guarantee.

Wholesale Light and Power.

Primary Charge—\$2.40 per month per kw. of maximum demand up to and including 50 kw. \$2.00 per month per kw. of maximum demand over 50 kw.

Secondary Charge—5 cts. per kw-hr. for the first 1,000 kw-hr. used per month.

3 cts. per kw-hr. for the next 4,000 kw-hr. used per month.

1.1 cts. per kw-hr. for the next 25,000 kw-hr. used per month.

0.9 cts. per kw-hr. for all over 30,000 kw-hr. used per month.

The company shall have the right at any time to require the customer to make a reasonable deposit in advance to secure the prompt payment of bills, such deposit if requested by the customer to bear interest as provided in receipt issued by the company.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

PART II

Rates for all year service outside village limits. See Part II of Delavan schedule.

PART III

Rates for summer service. See Part III of Delavan schedule.

Street Lighting.**GENERAL:**

30—100 watt, 110 volt, a. c. multiple tungsten lamps, burning upon an all-night every-night schedule. Rate \$30 per lamp per year.

ORNAMENTAL:

None.

DARLINGTON.

(Population, 1,808.)

DARLINGTON ELECTRIC LIGHT & WATER POWER COMPANY.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

For all lighting service furnished residences and businesses hereinafter specifically referred to as classes A, B, C, etc., and passing through the same meter and measured by a meter or meters owned and installed by the company. This lighting service will include electric energy furnished for lamps and other appliances utilized for illumination purposes; motors and appliances other than lighting equipment, when motors are of 1 h. p. rated capacity or less. When the aggregate rated capacity of such appliances does not exceed 1.5 kw. they will be included in this class when used in connection with lighting equipment and when the connected load of such motors and appliances does not exceed 1.5 kw. they will be included in this class when the connected load of such motors and appliances does not exceed the aggregate rated capacity of lighting equipment. Service for heating, cooking and power, when metered separately from the light service, rates as hereinafter specified.

Primary rate: 9 cts. net or 10 cts. gross per kw-hr. for current used equivalent to or less than the first 40 kw-hr. used per month per active kw.

Secondary rate: 7 cts. net or 8 cts. gross per kw-hr. for additional current used equivalent to or less than the next 60 kw-hr. used per month per active kw.

Excess rate: 4 cts. net or 5 cts. gross per kw-hr. for all current used in excess of the above 100 kw-hr. used per month per active kw.

The active load in kw. shall in every case be a fixed percentage of the connected load in lamps installed upon consumer's premises.

Class A. Residences, dwellings, flats, and private rooming houses. When the total connected load is equal to or less than 500 watts nominal rated capacity, 60 per cent of such total connected load shall be deemed active. When the installation exceeds 500 watts nominal rated capacity, 33 $\frac{1}{3}$ per cent of such part of the total connected load over and above 500 watts shall be deemed active.

Class B. When the total connected load is equal to or less than 2 $\frac{1}{2}$ kw. nominal rated capacity, 70 per cent of such total connected load shall be deemed active. When the installation exceeds 2 $\frac{1}{2}$ kw. nominal rated capacity, 55 per cent of such part of the total connected load over and above 2 $\frac{1}{2}$ kw. shall be deemed active; provided that lamps used exclusively in space devoted to the storing of goods shall be placed at 20 per cent active and shall not be included in the 2 $\frac{1}{2}$ kw. specified above.

Class B consists of banks, offices, business and professional (including studios, dressmaking parlors, massage parlors, millinery and hair dressing establishments, and photograph galleries) wholesale and retail merchandise establishments, such as art stores, bakeries, barber shops (including shoe shining parlors and public baths), book stores, cigar stores, coffee and tea stores, commission stores, confectionery stores (including ice cream parlors), crockery, china, dry goods and drug stores, electrical supply houses, flower stores (including green houses), furniture and housefurnishing, gents furnishing stores (including hat stores and haberdasheries), grocery stores, hardware stores, harness shops, hay, grain, feed and coal offices and stores, jewelry stores, meat markets, millinery stores, milk depots, paint and wallpaper shops, piano and music stores, picture stores, plumbing shops, saloons (including pool and billiard halls and adjoining card rooms), shoe stores and shoe repair shops, stationery stores, tailor shops (including dyers, cleaners and clothes pressing establishments), undertakers, upholsterers, and wine and liquor stores, theaters (including nickelodions, shooting galleries and similar amusement places), corridors and halls in office and apartment buildings upon separate meter, dance and public halls (including lodge and society rooms), restaurants (including eating places and lunch wagons), depots and public places for the conduct of railroad, street railway, express and telephone business (excluding freight warehouses), and all other consumers not herein otherwise specifically provided for.

In Class C 55 per cent of the total connected load shall be deemed active. Such class consists of federal and county buildings; churches and missions, hotels and clubs; factories (including small industrial establishments such as machine shops, car-

penter shops, blacksmith shops, tin shops and cigar factories), closing not later than 6 p. m., private and parochial schools, grain and tobacco elevators and warehouses, freight and storage warehouses, stables and garages, private, boarding and livery, all interior lighting for the city of Darlington including schools, police and fire stations, libraries, hospitals and other city buildings.

In Class D the total connected load shall be deemed active. Such class consists of unmetered lighting for signs, outlines and window, contracted for upon a yearly basis.

The minimum bill for general commercial and residence lighting consists of a charge of 50 cts. net per month for 500 watts or less of connected load plus 5 cts. for each additional 50 watts of connected load.

Commercial Power.

This service will include electric energy utilized for motive and miscellaneous lighting service, where the demand arising from such miscellaneous lighting service shall not be in excess of 20 per cent of the total simultaneous demand for lighting and power service. Stereopticons, moving picture machines, photographer's arcs and rectifiers will be billed at the power rate when separately metered from the lighting.

For current used for electric power purposes, as measured by meters owned and installed by the company, a maximum charge of 75 cts. net per active h. p. capacity per month, plus 4 cts. net or 5 cts. gross per kw-hr. Active h. p. shall consist of a fixed percentage of the nominal rate of capacity of motor as indicated on the manufacturer's name plate.

The following percentage of such capacity shall be deemed active:

| | |
|------------------------------------|-------------|
| The first 10 h. p. installed | 90 per cent |
| The next 20 h. p. installed | 75 per cent |
| The next 30 h. p. installed | 60 per cent |
| All over 60 h. n. installed | 50 per cent |

Minimum bill, \$1.50 net per month.

Lighting and Power.

The company bills all consumers at the gross rate and the difference between the gross and net rates, or one cent per kw-hr. constitutes a discount for prompt payment.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

9—6 ampere, 220 volt, a. c. multiple carbon arc lamps, burning on an all-night moonlight schedule. Rate \$80 per lamp per year.

115—40 watt, 220 volt, a. c. multiple tungsten lamps burning on an all-night moonlight schedule. Rate \$80 per lamp per year.

ORNAMENTAL:

32 posts, 6 posts to block in pairs; 1—200 watt, 14 volt a. c. multiple gas filled tungsten lamp on each post; 12 lamps burn every night until 11 p. m. and remainder all night on moonlight schedule; and 20 lamps burn every night to 11 p. m. only. Rate: all-night lamps \$37 per lamp per year, lamps burning to 11 p. m. \$27 per lamp per year. System installed by the city and city pays the annual charges.

DEERFIELD.

(Population, 533.)

MUNICIPAL PLANT.

Method of generation, kerosene.

Daily operating period, dusk to 11 p. m.

Commercial Lighting.

Minimum charge per month, \$1.00.

First 50 kw-hr. per month 15 cts. per kw-hr.

Next 50 kw-hr. per month 12 cts. per kw-hr.

All over 100 kw-hr. per month 10 cts. per kw-hr.

10% discount on bills paid before the 15th of the month following that for which service was furnished.

Meters are owned by the utility.

A charge of \$1.50 is made for reconnection of meter.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

6—250 c. n., 6.6 ampere a. c. series tungsten lamps, burning on a moonlight dusk to 11 n. m. schedule.

20—80 c. n., 6.6 ampere, a. c. series tungsten lamps, burning on a moonlight dusk to 11 n. m. schedule.

Flat charge of \$500 per year for all street lighting.

ORNAMENTAL.

None.

DEER PARK.

(Population, 450.)

NEW RICHMOND POWER COMPANY.

Method of generation, transmission.

Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

Minimum charge per month, \$1.00.

In all residences and business places, unless otherwise provided for by specific rate, the meter rate shall be made by adding a readiness to serve charge of 5 cts. per lamp socket containing 40 watt tungsten lamp, or its equivalent, to a charge of 5 cts. per kw-hr. for all current consumed. For other domestic use in the same residence with lighting for current passing through the same meter there shall be no readiness to serve charge.

FLAT RATES:*Residence Lights.* Temporary rates until meters are installed:

Flat rates on basis of 40 watt tungsten lamps.

First 7 lights installed 20 cts. each per month.

Next 5 lights installed 15 cts. each per month.

Each additional light installed 10 cts. per month.

Minimum charge \$1.00 per month.

Business Places. Each 40 watt tungsten incandescent lamp, or its equivalent, 25 cts. each per month.*Lighting service in churches and society halls and public places* shall be a flat rate of 10 cts. per 40 watt lamp, or its equivalent, with a minimum charge of \$1.00 per month.**Commercial Power.**

Minimum charge per month, \$1.00.

The charge for current for power, unless otherwise provided by specific rate, shall be a readiness to serve charge plus a charge for current. The readiness to serve charge shall be 50 cts.

per month for one-half h. p. of connected motor load; \$1.00 for 1 h. p. motor connected, and 50 cts. per h. p. for each additional h. p. on connected load above the first h. p. Current 3 cts. per kw-hr.

Where lighting and motor service are supplied to the same customer it may be measured through the same meter, and the charge shall be the readiness to serve charge for motor and lighting service, each separately, added to a charge of 3 cts. per kw-hr. for current consumed in both lighting and power, providing the lighting installation is not more than 250 watts maximum demand.

In the country along the right of way of power line the above rates shall apply to metered services where two or more customers are served by one transformer installation.

Wherever it is necessary in the country along the power line to install a separate transformer for service to one farmer, the rate shall be \$4.00 per month for each such farmer, which charge shall cover lighting service to house, barns and out-buildings; motor service for pumping water; grinding feed; sawing wood; and cutting ensilage and all other motor service for the ordinary and usual work that can be profitably done on a farm by a 2 h. p. motor, or smaller, this charge shall also include any larger motor, which may temporarily be installed for heavier work on the same farm.

For 3 h. p. motor in grain elevators at Stanton or Deer Park for the ordinary elevating of grain a flat rate of \$6.00 per month for each month in the year.

For current to grind course grain for feed for commercial purposes, 40 cts. per ton of feed ground the customers to furnish their own transformers and motors.

The above rates shall be for twenty-four hours' service, but no allowance shall be made in charges for temporary or accidental failure in service of twenty-four hours or less, provided the New Richmond Power Company shall, on notification, use due diligence in remedying such failure.

Meters are owned by utility.

Consumers bear expense of connecting premises with lines.

Street Lighting.

GENERAL:

18—60 watt, 110 volt, a. c. multiple tungsten lamps, burning all night, every night. Rate \$6 per lamp per year.

ORNAMENTAL:

None.

DELAFIELD, TOWN OF

(Waukesha County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule, see M. L. H. & T Co., Milwaukee, Parts II and III.)

DELAVAN.

(Population, 2,450.)

SOUTHERN WISCONSIN ELECTRIC CO.

Method of generation, steam and hydraulic.

Daily operating period, continuous.

PART I.

Commercial Lighting.

Primary—12 cts. net, 13 cts. gross per kw-hr. for the first 30 hours' use per month of active load.

Secondary—10 cts. net, 11 cts. gross per kw-hr. for the next 60 hours' use per month of active load.

Excess—6 cts. net, 7 cts. gross per kw-hr. for all in excess of 90 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

Class A shall include residences, dwellings, flats, rooming houses, hotels, sanitariums, hospitals, Y. M. C. A., and clubs in which meals and rooms are furnished. In this class 60 per cent of the first 500 watts connected, and 33½ per cent of all in excess of 500 watts connected shall be deemed active if the connected load is equivalent to 50 watts or more per opening. If the connected load is equivalent to less than 50 watts per opening, 60 per cent of the first 500 watts connected, 33½ per cent of the next 1,500 watts connected, and 20 per cent of all in excess of 2,000 watts connected shall be deemed active.

Class B shall include banks, offices, stores, shops, saloons, billiard and pool halls, depots, theaters, lodge rooms, and clubs not includable in Class A. In this class 70 per cent of the first 2.5 kw. connected and 55 per cent of all in excess of 2.5 kw. connected shall be deemed active.

Class C shall include public buildings, schools, churches, factories, warehouses, stables, and garages. In this class, 55 per cent of the total connected load shall be deemed active. For all lighting installations exceeding 5 kw. connected load, the active load shall, at the consumer's option, be determined by maximum demand meters. The connected load shall be represented by the total wattage of lamps connected.

Minimum Charge:

| | | |
|-----------|----------------------|-------------------|
| Under | 1 kw. connected load | \$0.60 per month. |
| From 1 to | 2 kw. connected load | 0.80 per month. |
| From 2 to | 5 kw. connected load | 1.25 per month. |
| Over | 5 kw. connected load | 2.25 per month. |

FLAT RATE SERVICE:

For window lighting, sign lighting and other lighting on company's patrol service or controlled by time switch set by the company:

1½ cts. per month per watt connected less 10 per cent discount if bills are paid within 10 days after date of billing.

Commercial Power.

Primary—7½ cts. net, 8½ cts. gross per kw-hr. for the first 15 hours' use per month of active load.

Secondary—5½ cts. net, 6½ cts. gross per kw-hr. for the next 30 hours' use per month of active load.

Excess—3 cts. net, 4 cts. gross per kw-hr. for all in excess of 45 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

- 90 per cent of the first 10 h. p. installed shall be deemed active
- 75 per cent of the next 20 h. p. installed shall be deemed active
- 60 per cent of the next 30 h. p. installed shall be deemed active
- 50 per cent of all over 60 h. p. installed shall be deemed active.

Minimum Charge: 75 cts. per month for the first h. p. connected and 25 cts. per month for each additional h. p. connected.

For power used during off-peak hours and measured on the primary side of the power transformers, or if primary motors are used, installation to be 50 h. p. or above; regular power rate with 4 cts. per kw-hr. maximum price guarantee.

Cooking and Heating.

Primary—10 cts. net, 10½ cts. gross per kw-hr. for the first 10 kw-hr. used per month.

Secondary—2½ cts. net, 3 cts. gross per kw-hr. for all over 10 kw-hr. used per month.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Minimum Charge: \$24.00 per year up to and including 6 kw. of aggregate connected load.

\$4.00 per year for each additional kw. of aggregate connected load.

City Pumping.

In consideration of the pumping being off-peak:

3 cts. net for the first 50,000 kw-hr used per year.

2½ cts. net for the next 50,000 kw-hr. used per year.

2¼ cts. net for all over 100,000 kw-hr. used per year.

Wholesale Light and Power.

Primary Charge—\$2.40 per month per kw. of maximum demand up to and including 50 kw., \$2.00 per month per kw. of maximum demand over 50 kw.

Secondary Charge—5 cts. per kw-hr. for the first 1,000 kw-hr. used per month. 3 cts. per kw-hr. for the next 4,000 kw-hr. used per month. 1.1 cts. per kw-hr. for the next 25,000 kw-hr. used per month. 0.9 cts. per kw-hr. for all over 30,000 kw-hr. used per month.

The company shall have the right at any time to require the customer to make a reasonable deposit in advance to secure the prompt payment of bills, such deposit if requested by the customer to bear interest as provided in receipt issued by the company.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

28—250 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning upon an all-night every-night schedule. Rate \$42 per lamp per year.

56—100 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning upon an all-night every-night schedule. Rate \$30 per lamp per year.

8—80 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning upon an all-night every-night schedule. Rate \$24 per lamp per year.

ORNAMENTAL:

30 posts, 8 posts to block in pairs, two in center of parkway; 24 posts with 4—40 watt, 110 volt, a. c. multiple tungsten lamps and 1—60 watt, 110 volt, a. c. multiple tungsten lamp on each post; 40 watt lamps burn from Nov. 1st to May 1st from dusk until 10 p. m., and from May 1st until Nov. 1st from dusk until 11 p. m.; 60 watt lamps burn all night, every night; 6 posts with 2—40 watt, 110 volt, a. c. multiple tungsten lamps, and 1—60 watt, 110 volt, a. c. multiple tungsten lamp; 40 watt lamps burn from Nov. 1st to May 1st from dusk until 10 p. m. and from May 1st until Nov. 1st from dusk until 11 p. m.; 60 watt lamps burn all night, every night. Rate \$3.60 per lamp per year for 40 watt lamps, burning from dusk to 10 p. m.; \$4.20 per lamp per year for 40 watt lamps, burning from dusk

to 11 p. m. and \$12 per lamp per year for 60 watt lamps. System paid for by city. Cost of current paid for by city. Company replaces lamps and globes; balance of maintenance paid by city.

PART II.

RATES FOR ALL-YEAR SERVICE OUTSIDE CITY LIMITS.

Commercial Lighting.

Primary—15 cts. net, 16 cts. gross per kw-hr. for the first 30 hours' use per month of active load.

Secondary—13 cts. net, 14 cts. gross per kw-hr. for the next 60 hours' use per month of active load.

Excess—7 cts. net, 8 cts. gross per kw-hr. for all in excess of 90 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

Class A shall include residences, dwellings, flats, rooming houses, hotels, sanitariums, hospitals, Y. M. C. A., and clubs in which meals and rooms are furnished. In this class 60 per cent of the first 500 watts connected, and $33\frac{1}{3}$ per cent of all in excess of 500 watts connected shall be deemed active if the connected load is equivalent to 50 watts or more per opening. If the connected load is equivalent to less than 50 watts per opening, 60 per cent of the first 500 watts connected, $33\frac{1}{3}$ per cent of the next 1,500 watts connected, and 20 per cent of all in excess of 2,000 watts connected shall be deemed active.

Class B shall include banks, offices, stores, shops, saloons, billiard and pool halls, depots, theaters, lodge rooms, and clubs not includable in Class A. In this class 70 per cent of the first 2.5 kw. connected and 55 per cent of all in excess of 2.5 kw. connected shall be deemed active.

Class C shall include public buildings, schools, churches, factories, warehouses, stables, and garages. In this class, 55 per cent of the total connected load shall be deemed active. For all lighting installations exceeding 5 kw. connected load, the active load shall, at the consumer's option, be determined by maximum demand meters. The connected load shall be represented by the total wattage of lamps connected.

Minimum Charge:

| | | |
|-----------------|----------------------|-------------------|
| Under | 1 kw. connected load | \$0.60 per month. |
| From 1 to 2 kw. | connected load | 0.80 per month. |
| From 2 to 5 kw. | connected load | 1.25 per month. |
| Over | 5 kw. connected load | 2.25 per month. |

FLAT RATE SERVICE:

For window lighting, sign lighting and other lighting on company's patrol service or controlled by time switch set by the company:

$1\frac{1}{2}$ cts. per month per watt connected less 10 per cent discount if bills are paid within 10 days after date of billing.

Commercial Power.

Primary— $7\frac{1}{2}$ cts. net, $8\frac{1}{2}$ cts. gross per kw-hr. for the first 15 hours' use per month of active load.

Secondary— $5\frac{1}{2}$ cts. net, $6\frac{1}{2}$ cts. gross per kw-hr. for the next 30 hours' use per month of active load.

Excess—3 cts. net, 4 cts. gross per kw-hr. for all in excess of 45 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

90 per cent of the first 10 h. p. installed shall be deemed active

75 per cent of the next 20 h. p. installed shall be deemed active

60 per cent of the next 30 h. p. installed shall be deemed active

50 per cent of all over 60 h. p. installed shall be deemed active

Minimum Charge: 75 cts. per month for the first h. p. connected and 25 cts. per month for each additional h. p. connected.

For power used during off-peak hours and measured on the primary side of the power transformers, or if primary motors are used, installation to be 50 h. p. or above; regular power rate with 4 cts. per kw-hr. maximum price guarantee.

Cooking and Heating.

Primary—10 cts. net, 10½ cts. gross per kw-hr. for the first 10 kw-hr. used per month.

Secondary—2½ cts. net, 3 cts. gross per kw-hr. for all over 10 kw-hr. used per month.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Minimum Charge: \$24.00 per year up to and including 6 kw. of aggregate connected load.

\$4.00 per year for each additional kw. of aggregate connected load.

Wholesale Light and Power.

Primary Charge—\$2.40 per month per kw. of maximum demand up to and including 50 kw., \$2.00 per month per kw. of maximum demand over 50 kw.

Secondary Charge—5 cts. per kw-hr. for the first 1,000 kw-hr. used per month. 3 cts. per kw-hr. for the next 4,000 kw-hr. used per month. 1.1 cts. per kw-hr. for the next 25,000 kw-hr. used per month. 0.9 cts. per kw-hr. for all over 30,000 kw-hr. used per month.

The company shall have the right at any time to require the customer to make a reasonable deposit in advance to secure the prompt payment of bills, such deposit if requested by the customer to bear interest as provided in receipt issued by the company.

Meters are owned by the utility.

Ornamental Post Lighting.

For lamps burning from dusk to 10 p. m. or 1,270 hours and including lamp renewals:

100 watt lamps 70 cts. per month per lamp.

60 watt lamps 45 cts. per month per lamp.

40 watt lamps 30 cts. per month per lamp.

For lamps burning from dusk to 11 p. m. or 1,635 hours and including lamp renewals:

100 watt lamps 80 cts. per month per lamp.

60 watt lamps 50 cts. per month per lamp.

40 watt lamps 35 cts. per month per lamp.

For lamps burning from dusk to dawn or 4,000 hours and including lamp renewals:

100 watt lamps \$1.65 per month per lamp.

60 watt lamps 1.00 per month per lamp.

40 watt lamps 0.65 per month per lamp.

PART III.

RATES FOR SERVICE WHICH IS CONSIDERED AS SUMMER BUSINESS AND WHICH FROM THE NATURE OF SAME IS KNOWN TO BE FOR PART OF THE YEAR ONLY.

Commercial Lighting.

15 cts. per kw-hr.

Minimum Charge:

| | | |
|-----------|----------------------|------------------|
| Under | 1 kw. connected load | \$0.60 per month |
| From 1 to | 2 kw. connected load | 0.80 per month |
| From 2 to | 5 kw. connected load | 1.25 per month |
| Over | 5 kw. connected load | 2.25 per month |

If a reconnecting charge of \$1.00 is paid, and a minimum charge for the period for which service is wanted of 18 times the monthly minimum charge is agreed to, this business will be charged for at the same rate per kw-hr. as in force for all year business in the same city, village or town in which this summer business is located.

FLAT RATE SERVICE:

For window lighting, sign lighting and other lighting on company's patrol service or controlled by time switch set by the company:

1½ cts. per month per watt connected less 10 per cent discount if bills are paid within 10 days after date of billing.

Commercial Power.

Primary—7½ cts. net, 8½ cts. gross per kw-hr. for the first 15 hours' use per month of active load.

Secondary—5½ cts. net, 6½ cts. gross per kw-hr. for the next 30 hours' use per month of active load.

Excess—3 cts. net, 4 cts. gross per kw-hr. for all in excess of 45 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

90 per cent of the first 10 h. p. installed shall be deemed active

75 per cent of the next 20 h. p. installed shall be deemed active

60 per cent of the next 30 h. p. installed shall be deemed active

50 per cent of all over 60 h. p. installed shall be deemed active

Minimum Charge: 75 cts. per month for the first h. p. connected and 25 cts. per month for each additional h. p. connected.

For power used during off-peak hours and measured on the primary side of the power transformers, or if primary motors are used, installation to be 50 h. p. or above; regular power rate with 4 cts. per kw-hr. maximum price guarantee.

Cooking and Heating.

Primary—10 cts. net, 10½ cts. gross per kw-hr. for the first 10 kw-hr. used per month.

Secondary—2½ cts. net, 3 cts. gross per kw-hr. for all over 10 kw-hr. used per month.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Minimum Charge: \$24.00 per year up to and including 6 kw. of aggregate connected load.

\$4.00 per year for each additional kw. of aggregate connected load.

The company shall have the right at any time to require the customer to make a reasonable deposit in advance to secure the prompt payment of bills, such deposit if requested by the customer to bear interest as provided in receipt issued by the company.

Meters are owned by the utility.

DE PERE.

(Population, 4,477.)

DE PERE ELECTRIC LIGHT & POWER COMPANY.

Method of generation, hydraulic and current purchased.

Daily operating period, continuous.

Commercial Lighting.

SCHEDULE A.

Minimum rate per month if paid on or before the 10th of the month, 75 cts., otherwise 80 cts.

First 100 kw-hr., 11 cts.

Second 100 kw-hr., 8 cts.

Next 400 kw-hr., 6 cts.

Over 600 kw-hr., 5 cts.

5% discount for prompt payment on or before the 10th of the month following the month in which current was used.

SCHEDULE B.—Readiness to serve lighting rate on meter:

Service charge \$1.00 per month.

30 cts. for each 100 watt active connected load.

4 cts. per kw-hr. for electric current.

Classification of active and inactive lights to be used as a basis for "readiness to serve" charge.

Residence lighted wholly by electricity:

Active lights—main hall, main stairway, parlors, library, dining room, sitting room, living room, kitchen, den, music room, conservatory and one light on second floor.

All other lights inactive. Active lights are not to exceed 75% of total installation.

Residences and flats occupied by more than one family, each floor used for living rooms to be classified as per above list.

In all other residences all lights shall be deemed active.

Hotels, clubs and boarding houses—Classification of active and nonactive lights shall be same as for residences, except lights connected and used in buffets, bars, bowling alleys, billiard rooms, card rooms, lobbies, main halls, corridors on each floor, wash rooms, and lavatories, which shall be deemed active lights.

Auditoriums, dance halls, opera houses, lodge rooms, churches, and factories closing at 6:00 p. m., one-half connected load shall be deemed active.

Business lighting shall include retail and wholesale mercantile establishments, saloons, restaurants, depots and other consumers not herein provided for, all lights shall be deemed active.

5% discount for prompt payment on or before the 10th of the month.

Sign lighting rate 6 cts. per kw-hr. on meter.

Electric pianos, \$1.00 per month.

Fans, 16-inch, \$1.00 per month.

Fans, 12-inch, \$0.50 per month.

Small electric motors not on metered circuits $\frac{1}{4}$ h. p. or under, \$2.00 per month.

Heating and cooking rate, 5 cts. per kw-hr. Minimum charge 75 cts.

Commercial Power.

Minimum charge 50 cts. per h. p. connected load.

Schedule as follows:

| | |
|--------------------------|-------------|
| Less than 100 kw-hr..... | 7.2 cts. |
| 100 to 200 kw-hr..... | 5% discount |
| 200 to 300 " | 10% " |
| 300 to 400 " | 15% " |
| 400 to 500 " | 20% " |
| 500 to 600 " | 25% " |
| 600 to 700 " | 30% " |
| 700 to 800 " | 35% " |
| 800 to 900 " | 40% " |
| 900 to 1000 " | 45% " |
| 1000 to 2000 " | 50% " |
| 2000 to 3000 " | 55% " |
| 3000 to 4000 " | 60% " |
| Over 4000 " | 2½ cts. |

Coal hoisting 3½ cts. per h. p. hr. connected load or ordinary power meter rate plus readiness to serve charge of \$1.00 per h. p. maximum demand per month as measured on G. E. Wright maximum demand indicator.

5% discount for prompt payment on or before the 10th of the month following that in which current is used.

If bills for all current used are not paid by the 25th of the month following the month in which current was used, the company shall discontinue service the following day. A charge of \$1.00 will be made for reconnection.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

16—4 ampere, 110 volt, d. c. multiple carbon arc lamps, burning on an all-night moonlight schedule. Rate \$50 per lamp per year.

148—100 watt, 110 volt, d. c. multiple tungsten lamps, burning on an all-night moonlight schedule. Rate \$19.20 per lamp per year.

69—60 watt, 110 volt, d. c. multiple tungsten lamps, burning on an all-night moonlight schedule. Rate \$12 per lamp per year.

ORNAMENTAL:

None.

DODGEVILLE.

(Population, 1,791.)

MINERAL POINT PUBLIC SERVICE COMPANY.

(See Mineral Point for commercial rate schedule.)

Street Lighting.**GENERAL:**

10—80 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning upon a dusk to midnight moonlight schedule. Rate \$36 per lamp per year.

96—40 c. p., 6.6 ampere, a. c. series, gas filled tungsten lamps, burning upon a dusk to midnight moonlight schedule. Rate \$18 per lamp per year.

ORNAMENTAL:

None.

DOUSMAN.

(Population, 625.)

R. L. ADAMS LIGHT PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$0.80.

Business places 12 cts. per kw-hr.

Residences 15 " " "

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

15—40 watt and 15—60 watt, 120 volt, a. c. multiple tungsten lamps, burning on a moonlight midnight schedule. Rate \$10.50 per lamp per year.

ORNAMENTAL:

None.

DOWNING.

(Population, 319.)

GLENWOOD & DOWNING LIGHT & POWER CO.

(See Glenwood for commercial rate schedule.)

Street Lighting.**GENERAL:**

15—60 watt, 110 volt a. c. multiple tungsten lamps, burning every night from dusk to midnight. Rate \$15 per lamp per year.

ORNAMENTAL:

None.

DURAND.

(Population, 1,503.)

DURAND LIGHT & POWER CO.

Method of generation, hydraulic.

Daily operating period, 23 hrs. daily except Sunday, dusk to dawn.

Commercial Lighting.**METER RATES:***For Business Houses:* A charge of 15 cts. per month per active 50-watt lamp or per 40-watt Mazda lamp, when the active load constitutes 60% of the connected load, plus 4 cts. per kw-hr. for the current or energy used. For occasional users, a rate of 12 cts. per kw-hr. may be charged.*For Residences, Churches and Halls:* A charge of 15 cts. per month per active unit or lamp, when 35% of the connected load is considered active, plus 4 cts. per kw-hr. for the current or energy used.

Minimum rate 75 cts. per consumer per month.

FLAT RATES:

Minimum monthly bill, 75 cts.

Commercial. 50 cts. per month for each of the first 5 lights, and 35 cts. for each added light; dead lights 10 cts.*Hotels and Saloons.* 60 cts. per month for each of the first 5 lights, and 40 cts. for each added light; dead lights 10 cts.*Blacksmith Shops.* 40 cts. for first light and 25 cts. for each added light.*Residences.* A total of 15 lights for \$2.00 per month, each added light 10 cts.; or two for 75 cts., 3 for \$1.00, 4 for \$1.20, each added light 20 cts.; dead lights 5 cts.

Live and Dead Lights. All lights in parlors, sitting rooms, reception rooms, dining rooms, kitchens and certain halls are understood to be live lights and are covered by the above rates. All lights in bed rooms, bath closets, pantries, upper halls, cellars and barns and all other out-of-the-way places where light is needed for short periods only, may be used as "dead" lights, and it is understood and agreed that such "dead" lights shall not to be run to exceed one hour each day; and it is hereby understood that this schedule does not contemplate the burning of dead lights an hour each day, but in consideration of the extremely low price made for such service, it is agreed that no dead light be burned at all except for actual necessity and never for illumination purposes; provided, however, that each patron may, at his discretion, illuminate his house one night each month. It is further understood that a live light cannot be turned off and a "dead" light be burned in its place except in case of sickness, in which emergency any light may be burned at the discretion of the patron.

Commercial Power.

5 cts. per kw-hr. for first 50 kw-hr., 4 cts. for next 50, and 3 cts. for all excess.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

82—60 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on an all-night every-night schedule. Rate \$15 per lamp per year.

7—400 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on an all-night every-night schedule. Rate \$42 per lamp per year.

ORNAMENTAL:

None.

EAGLE.

(Population, 339.)

WISCONSIN GAS & ELECTRIC CO.

(For commercial rate schedule, see Palmyra.)

Street Lighting.**GENERAL:**

30—100 c. p., gas filled tungsten lamps, burning all night, every night. Rate: first 25 lamps \$26 per lamp per year; each additional lamp \$22.50 per year.

ORNAMENTAL:

None.

EAGLE RIVER.

(Population, 1,200.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.**FLAT RATES:****Residences:**

40 cts. per month per 100 watts for first 500 watts

20 cts. " " " " " " all in excess of 500 watts

Saloons:

60 cts. per month per 100 watts for first 500 watts
 40 cts. " " " " " " all in excess of 500 watts

Stores, barbershops, hotels, offices, etc.

50 cts. per month per 100 watts for first 500 watts
 30 cts. " " " " " " all in excess of 500 watts

Churches, lodges, public halls:

25 cts. per month per 100 watts for first 500 watts
 10 cts. " " " " " " all in excess of 500 watts

Incidental Appliances.

7½ cts. per month per 100 watts connected.

Penalty of 25 cts. per month is added to bills remaining unpaid on the 15th of the month following that for which service was rendered. No account is carried for more than two months.

Minimum charge per month, \$1.00 for all classes of service.

No charge is made for connecting consumer's premises with lines.

A charge of \$1.00 is made for reconnecting service.

Street Lighting.

Data incomplete.

EAST MILWAUKEE.

(Population, —.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For commercial rate schedule, see M. L. H. & T. Co., Milwaukee, Part I.)

Street Lighting.**GENERAL:**

92—80 watt, 120 volt, a. c. multiple tungsten lamps, burning all night, every night. Rate \$21 per lamp per year.

ORNAMENTAL:

None.

EAST TROY.

(Population, 673.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For commercial rate schedule, see M. L. H. & T. Co., Milwaukee, Part I.)

Street Lighting.**GENERAL:**

56—60 c. p., 6.6 ampere, a. c. series tungsten lamps, burning all night, every night. Rate \$24 per lamp per year.

ORNAMENTAL:

None.

EAST TROY, TOWN OF

(Walworth County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule, see M. L. H. & T. Co., Milwaukee, Part III.)

EASTMAN.

(Population, 233.)

EASTMAN ELECTRIC LIGHT PLANT.

Method of generation, gas engine.

Daily operating period, dusk to 11:50 p. m.

Commercial Lighting.**METER RATES:**

Minimum charge per month, \$1.00.

15 cts. per kw-hr. per month.

FLAT RATES:

50 cts. per 20 c. p. lamp per month.

Meters are owned by consumers.

Consumers pay cost of wire used in connecting premises with lines.

Street Lighting.**GENERAL:**

7—100 watt tungsten lamps, burning from dusk to 11:30 p. m.

Flat charge of \$156 per year.

ORNAMENTAL:

None.

EAU CLAIRE.

(Population, 18,310.)

WISCONSIN-MINNESOTA LIGHT & POWER CO.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

The rate for electricity for lighting in the city of Eau Claire, Wisconsin, shall be 9 cts. per kw-hr. for the first 50 hours' use per month of the active connected load, plus 3 cts. per kw-hr. for the excess.

ACTIVE CONNECTED LOAD.

The active connected load shall be a certain percentage of the total connected load, which percentage is determined by the use of the premises according to the following classification:

Class "A"—Shall include all private residences and the active connected load shall be 60% of the first 500 watts connected plus 33⅓% of the load connected in excess of 500 watts, provided, however, that fan motors, electric irons and other household appliances shall not be counted in the total connected load.

Class "B"—Shall include all premises used wholly or in part for commercial purposes, not otherwise specifically provided for in Classes "C" and "D", and shall also include window, sign and advertising lighting connected on a separate meter. The active connected load shall be 100% of the first 5,000 watts connected, plus 66⅔% of the next 5,000 watts connected and 33⅓% of all over 10,000 watts connected. Provided, however, that window and sign lights on the same meter with interior lighting shall not be counted in the total connected load.

Class "C"—Shall include hotels, clubs, boarding houses, hospitals, insane asylums, public and parochial schools and public libraries. The active connected load shall be 55% of the total connected load.

Class "D"—Shall include auditoriums, dancing halls, opera houses, moving picture theaters, lodge rooms, churches, Y. M. C. A. buildings, warehouses, wholesale ware rooms, manufacturing plants and ice houses. The active connected load shall be 100% of the lights in general offices and clerical rooms plus 33⅓% of the lights in all other rooms.

RECTIFIERS.

Thirty ampere rectifiers in moving picture theaters connected on same meter with house lighting shall be rated as $3\frac{1}{2}$ kw. active and shall be billed as lighting at 3 cts. per kw-hr. for current used.

TEMPORARY LIGHTING.

Temporary lighting for chatauquas, carnivals, etc., shall be by special contract and the rates charged shall be 9 cts. per kw-hr. for all current consumed, plus all costs of connecting and disconnecting. Payment in such cases shall be made in advance.

FLAT RATES:

Current for window, sign and advertising lighting will be furnished to any consumer on a yearly contract, under which the consumer agrees to pay monthly for light burned according to the following schedules and the following rates. All lights to be turned on and off by the Wisconsin-Minnesota Light and Power Company.

| | On | Off | | On | Off |
|--|------|-------|------------|-------|-------|
| Jan. 1-15 | 4:10 | 11:30 | July 1-15 | 8:00 | 11:30 |
| 16-31 | 4:30 | 11:30 | 16-31 | 1:50 | 11:30 |
| Feb. 1-15 | 4:45 | 11:30 | Aug. 1-15 | 7:40 | 11:30 |
| 16-29 | 5:00 | 11:30 | 16-31 | 7:25 | 11:30 |
| Mar. 1-15 | 5:30 | 11:30 | Sept. 1-15 | 7:00 | 11:30 |
| 16-31 | 6:00 | 11:30 | 16-30 | 8:20 | 11:30 |
| April 1-15 | 6:30 | 11:30 | Oct. 1-15 | 5:35 | 11:30 |
| 16-30 | 6:50 | 11:30 | 16-31 | 4:50 | 11:30 |
| May 1-15 | 7:10 | 11:30 | Nov. 1-15 | 4:10 | 11:30 |
| 16-31 | 7:30 | 11:30 | 16-30 | 4:00 | 11:30 |
| June 1-15 | 7:50 | 11:30 | Dec. 1-31 | 3:45 | 11:30 |
| 16-30 | 8:00 | 11:30 | | | |
| For each 5 watt lamp connected \$0.42 per year | | | | | |
| " " 7½ | " | " | " | 0.63 | " " |
| " " 10 | " | " | " | 0.84 | " " |
| " " 15 | " | " | " | 1.26 | " " |
| " " 25 | " | " | " | 2.04 | " " |
| " " 40 | " | " | " | 3.24 | " " |
| " " 50 | " | " | " | 4.08 | " " |
| " " 60 | " | " | " | 4.92 | " " |
| " " 100 | " | " | " | 8.16 | " " |
| " " 150 | " | " | " | 12.24 | " " |
| " " 250 | " | " | " | 20.52 | " " |

EMERGENCY OR STANDBY SERVICE.

The charge for emergency or standby lighting service shall be \$1.80 per year per active 50 watt unit. The charge for current used shall be $4\frac{1}{2}$ cts. per kw-hr. The service charge plus the charge for current used shall be unaffected by the existing maximum rate per kw-hr.

MINIMUM RATE.

The company shall be authorized in every case where a meter is installed to make a minimum charge of 75 cts. per month.

EQUIPMENT AND RENEWALS.

In all foregoing rates, unless otherwise specifically stated, the consumer shall furnish and renew all lamps and all switches and wiring on the premises, and the company shall furnish transformers, meters and sufficient wiring, pole line and other equipment necessary to deliver the current to the premises. Provided, however, that the company will not be required to make extensions of primary lines except under the conditions hereinafter named.

EXTENSION OF PRIMARY LINES.

Primary lines will be extended one pole and one span to serve any consumer. In case a consumer desires lights and cannot be reached by one pole and one span, then the primary lines will be extended to reach such premises if the consumer will contract to pay, for a period of 36 consecutive months, a minimum bill for current equal to 1/36 of the cost of said extension.

Commercial Power.**RETAIL POWER RATE.**

The rate for power to consumers demanding 1 h. p. or more shall be 75 cts. per month per h. p. demand to be based on rated motor capacity plus 2 cts. per kw-hr. for all current consumed.

To retail power consumers using 20 h. p. or more, if the demand charge plus the current charge exceeds 4 cts. per kw-hr. for the current used in any one month, the demand charge will be canceled and the total bill for the month be figured at 4 cts. per kw-hr. Provided, however, that the minimum bill which any consumer must pay shall not be less than 75 cts. per connected h. p. or if on a demand meter 80 cts. per kva. based on the average demand for the preceding three months.

The rate to users of fractional h. p. motors not connected with the lighting load will be 75 cts. per motor plus 2 cts. per kw-hr. for current used. Provided, however, that the minimum bill for any one month shall not be less than one dollar.

MINIMUM POWER RATE.

The company shall be authorized to charge a minimum rate of \$1.00 per month for each motor installed.

COMBINATION POWER RATE FOR SMALL MOTORS.

Where individual motors of less than 5 h. p. are installed by customers using electric light, the current for such motor may be measured through the lighting watt meter and in such cases consumers shall be charged the lighting rate of 3 cts. per kw-hr. in lieu of the regular power rate of 75 cts. per h. p. and 2 cts. per kw-hr.

WHOLESALE POWER RATE.

The company will sell power under the following rates by contract for one year periods or more, with a minimum charge of \$150.00 per month:

| | |
|-------------------------------------|-----------------------|
| Up to 20% load factor | 1.609 cts. per kw-hr. |
| From 20% to 30% load factor | 1.475 cts. per kw-hr. |
| From 30% to 40% load factor | 1.341 cts. per kw-hr. |
| From 40% to 50% load factor | 1.207 cts. per kw-hr. |
| From 50% to 60% load factor | 1.100 cts. per kw-hr. |
| For load factors 60% and over | 1.000 ct. per kw-hr. |

In the event that the consumer desires to change from the whole-sale rate to the regular retail power rate, he shall serve a written notice of such election and such change shall be made only at the beginning of a calendar month and when made shall remain in force for a period of not less than one full month.

SURPLUS POWER.

Any consumer contracting to use a minimum of 750 h. p. and guaranteeing a minimum payment of \$400 per month will be supplied 3 phase, 60 cycle, 2300 volt, a. c. between the hours of 6:30 a. m. and 6:30 p. m. daily at the rate of **\$12.00** per h. p. per year; and between the hours of 6:30 p. m. and 6:30 a. m., daily at the rate of \$8.00 per h. p. per year.

Provided, however, that the company is under obligation to furnish this current only out of the excess current generated after the regular lighting and power customers have been supplied.

Emergency or Standby Service.

Service charge \$27 per active h. p. per year. Current 3 cts. per kw-hr. The maximum rate does not apply to this service.

Rate for Water Heating:

| | |
|--------------------------------------|------------------|
| Heaters of 600 watts capacity..... | \$4.50 per month |
| Heaters of 1,000 watts capacity..... | 7.50 per month |
| Heaters of 2000 watts capacity..... | 15.00 per month |

Cooking Rate:

Electricity for cooking by means of electric ranges, ovens, or broilers will be supplied through a separate meter at 3 cts. per kw-hr for all current consumed.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

| | |
|--|---------------------------------|
| 43—400 c. p., 7.5 ampere a. c. series gas filled tungsten lamps, burning all night, every night. | Rate \$36.36 per lamp per year. |
| 133—250 c. p., 7.5 ampere, a. c. series gas filled tungsten lamps, burning all night, every night. | Rate \$22.40 per lamp per year. |
| 221—100 c. p., 7.5 ampere, a. c. series gas filled tungsten lamps, burning all night, every night. | Rate \$13.68 per lamp per year. |
| 13—60 c. p., 7.5 ampere, a. c. series gas filled tungsten lamps, burning all night, every night. | Rate \$12.50 per lamp per year. |

ORNAMENTAL:

112 posts, 8 posts to block in pairs; 106 posts with 4—100 c. p., 7.5 ampere, gas filled tungsten lamps each, and 6 posts with 2—100 c. p. lamps each. Half of the lamps burn until mid-nig and the remainder burn all night. Rate \$6.55 per lamp per year. System installed by city and abutting property owners. Abutting property owners pay for service. Cost of maintenance is borne by utility.

EAU GALLE.

(Population, 200.)

DURAND LIGHT & POWER CO.

Method of generation, hydraulic.

Daily operating period, 24 hrs. daily except Sunday.

Commercial Lighting.

METER RATES:

(See Durand for meter rates.)

FLAT RATES:

Commercial—1 light 75 cts. per month—5 lights or less 50 cts. each.
All additional lights, 35 cts. each.

Hotels and Saloons—5 lights or less 60 cts. each. All additional lights 40 cts. each. Dead lights 10 cts. each.

Residence—1 light 50 cts.; 2, 75 cts.; 3, \$1.00; 4, \$1.20. Each additional light 20 cts. Dead lights 5 cts. each per month. Residences using up to 15 lights will be charged \$2.00 per month, and 10 cts. for each additional light, a reasonable number of said lamps being dead lamps.

Blacksmith Shops—1 light 40 cts., each additional light 25 cts. per month. It is expressly understood that one light constitutes a 16 c. p. lamp, carbon filament.

A 32 c. p. tungsten lamp may be substituted for a 16 c. p. carbon lamp.

Commercial Power.

Power rates for 1 h. p. or over:

5 cts. for first 50 kw-hr.

4 " next 50 "

3 " balance used.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

None.

EDEN.

(Population —)

EDEN ELECTRIC LIGHT COMPANY.

Method of generation, kerosene engine.

Daily operating period, 5:30 to 10:30 p. m.

Commercial Lighting.

Minimum charge per month, \$1.00.

Current, 15 cts. per kw-hr.

Meters are owned by utility.

A charge of \$2.00 is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

5—150 watt, 110 volt, a. c. multiple tungsten lamps, burning on a moonlight dusk to 10:30 p. m. schedule. Rate \$50 per lamp per year.

ORNAMENTAL:

None.

EDGERTON.

(Population, 2,513.)

JANESVILLE ELECTRIC CO.

Method of generation, current purchased.

Daily operating period, continual.

Commercial Lighting.**METER RATES:**

Minimum charge, \$1.00 per month.

Current, 10 cts. per kw-hr. with discount for quantity used per month as follows:

| | |
|--------------------|-----|
| \$10 to \$20 | 10% |
| 20 " 30 | 15% |
| 30 " 40 | 20% |
| 40 " 50 | 25% |
| 50 and over | 30% |

FLAT RATES:

A few single lights, basis 50 cts. per month.

Commercial Power.

Minimum charge, \$1.00 per month per h. p.

Current, 5 cts. per kw-hr. with discount for quantity used per month as follows:

| | |
|--------------------|-----|
| \$5 to \$10 | 5% |
| 10 " 20 | 10% |
| 20 " 30 | 15% |
| 30 " 40 | 20% |
| 40 " 50 | 25% |
| 50 " 75 | 30% |
| 75 " 100 | 35% |
| 100 " 150 | 40% |
| 150 " 200 | 45% |
| 200 and over | 50% |

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

80—60 c. p., 6.6 ampere, a. c. series tungsten lamps, burning on an all-night every-night schedule. Rate \$24 per lamp per year.

ORNAMENTAL:

20 posts, 4 posts to block, staggered; 5—60 watt, 110 volt, a. c. multiple tungsten lamps on each post; 4 lamps burn until 11 p. m. and one all night, every night. Rate \$58.80 per standard per year. Cost of 18 posts paid by merchants. Company owns 2. City pays for maintenance and cost of current.

ELAND JUNCTION.

(Population, 368.)

WITTENBERG ELECTRIC CO.

Method of generation, hydraulic.

Daily operating period, dusk to dawn.

Commercial Lighting.**METER RATES:**

Minimum monthly bill, \$1.00.

Current, 12 cts. per kw-hr.

Following discounts apply if bills are paid within 10 days from date of bill:

| | |
|----------------------|--------------|
| 15 to 50 kw-hr. | 10% discount |
| 50 " 100 " | 15% " |
| 100 " 250 " | 20% " |
| 250 " 500 " | 25% " |

FLAT RATES:

\$1.00 per month, not exceeding four lamps.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

6—400 watt, 110 volt, a. c. multiple gas filled tungsten lamps, burning on an all-night moonlight schedule. Rate \$60 per lamp per year.

ORNAMENTAL:

None.

ELCHO.

(Population, 100.)

CHAS. W. FISH LUMBER COMPANY.

Method of generation, steam.

Daily operating period, dusk to 12:30 p. m.; 4 a. m. to daylight.

Commercial Lighting.**FLAT RATES:**

\$2.00 per month.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

8—60 watt, 220 volt, d. c. multiple tungsten lamps, burning from dusk to midnight.

ORNAMENTAL:

4 posts with 60 watt tungsten lamps, burning from dusk to midnight.

Flat charge of \$300 per year for all street lighting.

ELDERON.

(Population, 400.)

ELDERON LIGHT & POWER CO.

Method of generation, current purchased.

Daily operating period, dusk to daylight.

Commercial Lighting.**METER RATE:**

15 cts. per kw-hr.

FLAT RATE:

Residences, 40 cts. per month per 16 c. p. incandescent.

Business places, 50 cts. per month per 16 c. p. incandescent.

Commercial Power.

10 cts. per kw-hr.

Some meters are owned by utility and some by consumers.

Consumers charged for material and labor in making connection with lines.

Street Lighting.

None.

ELKHART LAKE.

(Population, 499.)

ELKHART LAKE LIGHT & POWER COMPANY.

Method of generation, power purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$1.00.

Energy, 10 cts. per kw-hr. if paid on or before the 15th of the current month; 10 per cent additional if paid later.

Summer Cottage Lighting:

Minimum charge for season beginning March 15th and ending November 15th of the same year, \$10.00 payable May 15th of the current year; 10 per cent additional if not paid by June 1st of the same year.

Energy: 10 cts per kw-hr. Bills for energy in excess of the 100 kw-hr. covered by the minimum charge to be payable on presentation with 10 per cent added if not paid within 15 days after presentation.

Commercial Power.

10 cts. per kw-hr. for the first 10 kw-hr. per month per kw. of maximum demand.

4 cts. per kw-hr. for all of the first 1,000 kw-hr. not covered by the primary rate.

3 cts. per kw-hr. for the next 4,000 kw-hr.

2.8 cts. per kw-hr. for all current in excess of 5,000 kw-hr. per month.

Off-Peak Power.

Power installations, when the use of power is eliminated during the following hours of peak load, will be billed at 5 cts. per kw-hr. for the first 10 kw-hr. of the maximum demand. Balance as quoted above.

| Month | Hours during which service shall not be used | | | |
|----------------|--|-------|----|------------|
| October | 5:30 | p. m. | to | 7:00 p. m. |
| November | 5:00 | " " | | 7:00 " |
| December | 4:30 | " " | | 7:00 " |
| January | 4:40 | " " | | 7:00 " |
| February | 5:20 | " " | | 7:00 " |
| March | 6:00 | " " | | 7:00 " |

The off-peak power rates will be given on an annual contract basis only and only to users who contract to use no current during the hours named in the foregoing time schedule. If current is used during the hours above named, the regular power rates shall apply for the entire contract period.

Power Lights:

Installations with not less than 15 kw-hr. maximum demand, requiring current for both power and lighting may secure entire service through one power meter, providing the lighting requirements do not exceed 20 per cent of the entire requirements.

Heating and Cooking Service.

For heating and cooking appliances using in excess of 2,000 watts per hour, 10 cts. per kw-hr. for the first 10 kw-hr. of maximum demand. All current in excess of that covered by the primary rate at 3 cts. per kw-hr.

Rural Service.

Lighting Rates: The regular rate for commercial lighting plus the transformer loss at 3 cts. per kw-hr. The transformer loss shall be figured by the accepted rules for determining transformer losses.

Power Rates: 6 cts. per kw-hr. for straight rate.

Farmers have choice of this rate or regular power rate. If 6 cts. power rate is chosen, disconnections must be made when motors are not in use to prevent transformer losses. On rural service consumers to furnish transformers and help build lines when long lines are needed.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

- 47—100 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning every night from dusk to 1 a. m., Rate \$24 per lamp per year.
- 9—100 watt, 115 volt, a. c. multiple gas filled tungsten lamps, burning every night from dusk to 1 a. m., Rate \$24 per lamp per year.

ORNAMENTAL:

None.

ELKHORN.

(Population, 1,707.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge, 75 cts. per month.

Current, 10 cts. per kw-hr.

Meters are owned by utility.

No charge for connecting line to building.

Street Lighting.**GENERAL:**

- 38—4 ampere, 78 volt, d. c. series magnetite arcs burning on a moonlight-midnight schedule. Rate \$60 per lamp per year.
- 26—100 watt, 110 volt, a. c. multiple carbon incandescent lamps burning from dusk to daylight. Rate \$36 per lamp per year.

ORNAMENTAL:

None.

ELK MOUND.

(Population, 302.)

WISCONSIN-MINNESOTA LIGHT & POWER CO.

Method of generation, hydraulic and transmission.

Daily operating method, continuous.

Commercial Lighting.

Minimum lighting bill, \$1.00 per month.

- 12½ cts. per kw-hr. for the first 50 hours' use of the active connected load, 8 cts. per kw-hr. for the next 50 hours' use and 4½ cts. per kw-hr. for the balance.

ACTIVE LOAD.**Class A.**

Where the total connected load is equal to or less than 500 watts nominal rated capacity, 60% of such total connected load shall be termed active. Where the installation exceeds 500 watts nominal rated capacity, 33⅓% of such part of the total connected load over and above 500 watts shall also be termed active.

Class B.

In this class 80% of the total connected load shall be termed active, except sign and window lighting, 33⅓% of which are active.

Class C.

In this class 55% of the total connected load shall be termed active.

CLASSIFICATION OF SERVICE.

Class A. Dwelling rooms, flat, rooming house, private residence.

Class B. Bank, barber shop, billiard hall, card rooms, depot, dress-making parlors, express company, garage, halls, laundry, offices, post office, store or restaurant, saloon, theater, telephone company, telegraph company, sign, show case or similar advertising purpose windows.

Class C. Asylum, armory, blacksmith, church, convent, club rooms, factory, hotel, hospital, heating plant, lodge hall, livery stable, public building, rooming house, school, warehouse.

(For practice of this company in regard to lamp renewals and inspection of lamps see Eau Claire.)

Rate for Flaming Arc Lamps.—The company will furnish current for all flaming arc lamps at the regular price per kw-hr. for lighting service, but the consumer shall purchase and install such lamps at his own expense and furnish or pay to the company the cost price of all carbons used in their operation.

Commercial Power.

75 cts. per h. p. per month and 2 cts. per kw-hr. used for installations of 20 h. p. or over.

6 cts. per kw-hr. for the first 30 hours' use of maximum demand and 3 cts. per kw-hr. for all in excess, for installations less than 20 h. p.

The term maximum demand is herein used to mean the rated capacity of motors or motor in h. p. multiplied by 746 watts.

Minimum Power Bill.

The minimum power bill will be 75 cts. per h. p. per month as above determined where more than 1 h. p. is installed. On installations of 1 h. p. or less the minimum bill will be \$1.00 per month.

Whenever motors and lights shall be connected up on the same meter, a minimum charge will be made as above for both motors and lights.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

25—60 c. p., 3.5 ampere, a. c. series gas filled tungsten lamps burning all night, every night. Rate \$24 per lamp per year.

ORNAMENTAL:

None.

ELLSWORTH.

(Population, 1,005.)

WISCONSIN-MINNESOTA LIGHT & POWER CO.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.

The minimum lighting bill will be \$1.00 per month for each meter connected.

Lighting Rate: 12½ cts. per kw-hr. for the first 50 hours' use of the active load; 8 cts. per kw-hr. for the next 50 hours' use and 4½ cts. per kw-hr for the balance.

Class A.—Where the total connected load is equal to or less than 500 watts nominal rated capacity, 60% of such total connected load shall be termed active. Where the installation exceeds 500 watts nominal rated capacity, 33¼% of such part of the total connected load over and above 500 watts shall be termed active.

Class B.—In this class, 80% of the total connected load shall be termed active, except sign and window lighting, 33⅓% of which are active.

Class C. In this class 55% of the total connected load shall be termed active.

CLASSIFICATION OF SERVICE.

Class A.—Dwelling rooms, flat, rooming house (private), residence.

Class B.—Bank, barber shop, billiard hall, card rooms, depot, dress-making parlors, express company, garage, halls, laundry, offices, post office, store or restaurant, saloon, theater, telephone company, telegraph company, sign, show case or similar advertising purpose windows.

Class C.—Asylum, armory, blacksmith, church, convent, club rooms, factory, hotel, hospital, heating plant, lodge hall, livery stable, public building, rooming house, school, warehouse.

Commercial Power.

For less than 20 h. p., 6 cts. per kw-hr. for the first 30 hours' use of the maximum demand and 3 cts. per kw-hr. for the balance.

For 20 h. p. and over, 75 cts. per h. p. of maximum demand and 2 cts. per kw-hr. for all over.

By the term maximum demand it is understood to be the rated capacity of the motors connected times 746 watts.

The minimum power bill will be 75 cts. per h. p. per month as above determined where more than 1 h. p. is installed. On installations of 1 h. p. or less the minimum bill will be \$1.00 per month.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

14—6.6 ampere a. c. series carbon arc lamps, burning every night from dusk to 1 a. m. Rate \$60 per lamp per year.

17—400 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning every night from dusk to 1 a. m. Rate \$60 per lamp per year.

ORNAMENTAL:

None.

ELMWOOD.

Population, 585.)

WISCONSIN-MINNESOTA LIGHT & POWER CO.

Method of generation, hydraulic and transmission.

Daily operating period, continuous.

Commercial Lighting.

METER RATES:

Minimum charge per month, \$1.00.

Residence Lighting.

In all residences using electric light throughout the premises, the rate shall be 12½ cts. per kw-hr. for the first kw-hr. per lamp unit installed, 8 cts. per kw-hr. for the second kw-hr. per lamp unit installed, and 4 cts. per kw-hr. for all current used in excess of this amount during the remainder of the month.

In all residences using electric light in main living rooms only, the rate shall be 12½ cts. per kw-hr. for the first 3 kw-hr. per lamp unit installed, 8 cts. per kw-hr. for the next 3 kw-hr.

per lamp unit installed, and 4 cts. per kw-hr. for all current used in excess of this amount during the remainder of the month.

Business Lighting.

In all retail and wholesale mercantile establishments, saloons, restaurants, depots, and other premises not herein otherwise specifically provided for, the rate shall be 12½ cts. per kw-hr. for the first 3 kw-hr. per lamp unit installed, 8 cts. per kw-hr. for the next 3 kw-hr. per lamp unit installed, and 4 cts. per kw-hr. for all current used in excess of this amount during the remainder of the month.

In all hotels, boarding houses, dance halls and manufacturing plants, the rate shall be 12½ cts. per kw-hr. for the first 2 kw-hr. per lamp unit installed, 8 cts. per kw-hr. for the next 2 kw-hr. per lamp unit installed, and 4 cts. per kw-hr. for all current used in excess of this amount during the remainder of the month.

In all churches and lodge halls, the rate shall be 12½ cts. per kw-hr. for the first kw-hr. per lamp unit installed, 8 cts. per kw-hr. for the next kw-hr. per lamp unit installed, and 4 cts. per kw-hr. for all current used in excess of this amount during the remainder of the month.

The lamp unit shall be taken to be the 50 watt incandescent lamp or its equivalent. However, all sockets in which lamps of 60 watts or less are used shall be counted as full units. It is provided, however, that in the case of any commercial consumer using electric light throughout the premises, when available, no lights used for decorative or window display purposes shall be counted or considered in setting such a consumer's rate.

FLAT RATES:

Minimum charge per month, \$1.00 for residences and \$1.50 for business places.

The company shall not be required at its own expense to furnish or install meters for any consumer using less than 5 lamp units, or the equivalent thereof, in any one building, and shall be authorized to charge consumers using 2 or more such units a flat rate of 50 cts. per month per unit, in residences, and 75 cts. per month per unit in business places; or the company may, at its own option, install a meter for any such customer, in which event the rate shall be as specified in the above classification.

Equipment and Renewals. In all the foregoing rates, the consumer shall furnish and renew all lamps and all switches and wiring on the premises, and the company shall furnish all transformers, meters, and sufficient wiring, pole line and other equipment necessary to deliver the current to the premises.

Commercial Power.

For less than 20 h p. 6 cts. per kw-hr. for the first 30 hours' maximum demand and 3 cts. per kw-hr. for the balance.

For 20 h. p. and over 75 cts. per h. p. of maximum demand and 2 cts. per kw-hr.

The horse power of the motor connected is the rated capacity.

The minimum will be 75 cts. per month per h. p. as above determined where more than 1 h. p. is installed. On installations of 1 h. p. or less the minimum bill will be \$1.00 per month.

All bills for light and power shall be paid not later than the 10th of the month next succeeding that in which the current has been used.

A charge of 25 cts. is made for reconnecting the service at the same premises.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

31—60 c. p., 4 ampere, a. c. series tungsten lamps, burning every night until midnight. Rate \$14 per lamp per year.

3—60 watt, 110 volt, a. c. multiple tungsten lamps, burning all night, every night. Rate \$18 per lamp per year.

ORNAMENTAL:

None.

ELROY.

(Population, 1,729.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, dusk to daylight.

Commercial Lighting.

Schedule of rates for all lighting service furnished residences and businesses and passing through the same meter and measured by a meter or meters owned and installed by the company. This lighting service will include electric energy furnished for appliances other than lighting equipment when the aggregate rated capacity of such appliances does not exceed $1\frac{1}{2}$ kw.

Primary Rate: 10 cts. net or 11 cts. gross for all or part of first 3 kw-hr. used per month per 100 watts of active load.

Secondary Rate: $8\frac{1}{2}$ cts. net or $9\frac{1}{2}$ cts. gross for all or part of next 6 kw-hr. used per month per 100 watts of active load.

Excess Rate: 7 cts. net or 8 cts. gross for all current used in excess of 9 kw-hr. per month per 100 watts of active load.

Active connected load shall in each case be a fixed percentage of the total connected lighting load installed upon the consumer's premises.

In Class A, which shall include residences, dwellings, flats and private rooming houses where the total connected load is equal to or less than 500 watts nominal rated capacity, 60 per cent of such total connected lighting load shall be deemed active; where the installation exceeds 500 watts nominal rated capacity, $33\frac{1}{3}$ per cent of such part of the total connected lighting load over and above 500 watts shall be deemed active.

In Class B, which shall include all stores, offices, business and professional places, public halls, passenger depots, and theaters, etc., where the total connected lighting load is equal to or less than 2.5 kw. nominal rated capacity, 70 per cent of such total connected load shall be deemed active; where the installation exceeds 2.5 kw. nominal rated capacity, 55 per cent of such part of the total connected load over and above 2.5 kw. shall be deemed active.

In Class C, which shall include county and city buildings, schools, factories, industrial establishments, shops, stables, garages and warehouses, 55 per cent of the total connected load shall be deemed active.

Minimum Monthly Charge. \$0.50 for each installation.

The difference between the gross and net rates constitutes a discount if bill is paid before the 20th of the month following that for which service was rendered.

A charge of \$2.00 is made for reconnecting meters where service has been shut off.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

40—250 c. p. and 12—200 c. p., 6.6 ampere a. c. series tungsten lamps, burning on a moonlight all-night schedule. Flat charge of \$750 per year.

ORNAMENTAL:

None.

ENDEAVOR.

(Population, 475.)

ENDEAVOR ELECTRIC LIGHT & POWER CO.

Method of generation, steam.

Daily operating period, 5:30 a. m. to 12 midnight in winter; 6:30 a. m. to 11 p. m. in summer.

Commercial Lighting.

First 30 kw-hr. per month 15 cts. per kw-hr.

All over 30 " " " " 10 " " " "

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

None.

EPHRAIM.

(Population, 125.)

EPHRAIM ELECTRIC LIGHT COMPANY.

Method of generation, kerosene engine.

Daily operating period, dusk to 10 p. m. in winter; dusk to 11 p. m. in summer.

Commercial Lighting.

FLAT RATES:

Residences\$24.00 per year.

Stores 45.00 per year.

Summer hotels using from 60 to 80 lights 70.00 per year

Smaller hotels in proportion.

Consumers pay expense of connecting with lines.

Street Lighting.

GENERAL:

15—60 watt, 220 volt, d. c., multiple tungsten lamps, burning every night from dusk to 10 p. m. in winter and from dusk to 11 p. m. in summer. No charge made.

ORNAMENTAL:

None.

ETTRICK.

(Population, 350.)

IVER PEDERSON COMPANY.

Method of generation, hydraulic.

Daily operating period, dusk to 10 p. m.

Commercial Lighting.

25 cts. per light per month.

\$0.75 per night for lodges when entertainments are held until 12 o'clock and \$2.25 per night when dances are held until 4 a. m.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

None.

EVANSVILLE.

(Population, 2,061.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous except Sunday.

Commercial Lighting.

Minimum bill, \$0.75 per month.

12 cts. gross or 11 cts. net for the first 90 hours' use of the active load per quarter.

8 cts. gross or 7 cts. net for the next 180 hours' use of the active load per quarter.

6 cts. gross or 5 cts. net for all use of the active load in excess of 270 hours' per quarter.

The consumers shall be classified as follows:

Class A.—Class A shall consist of residences and dwellings. Sixty per cent of the first 500 watts and 33⅓ per cent of all over 500 watts connected for consumers of this class shall be considered active.

Class B.—Class B shall consist of stores, offices, barber shops, restaurants, meat markets, halls, bowling alleys, millineries, billiard and pool halls, drug stores, photo galleries, banks, electric theaters and other business and professional places of similar nature. In this class 70 per cent of the first 2.5 kw. and 55 per cent of all additional connected load shall be considered active.

Class C.—Class C shall consist of hotels, churches, club rooms, barns, garages, livery stables, post office, laundries, factories, blacksmith shops, warehouses, dormitories, creameries and business and industrial establishments of a similar nature. In this class 55 per cent of the connected load shall be considered active.

Class D.—Class D shall consist of public schools, libraries, city hall and other city buildings. In this class 55 per cent of the connected load shall be considered active.

Emergency and Occasional Service.

Consumers having connection for emergency service or using current for a short period per year shall be charged as follows: \$7.50 gross, or \$6.00 net per quarter per active kw. connected, plus 5 cts. gross or 4.5 cts. net for current used.

Commercial Power.

Service Charge: \$2.00 gross or \$1.50 net per quarter for the first h. p. or fraction thereof connected, and \$2.00 gross and \$1.50 net per h. p. for all additional power load connected.

Energy Charge

First 90 hours' use of the connected load per quarter, 6 cts. gross or 5 cts. net per kw-hr.

Next 270 hours' use of the connected load per quarter, 5 cts. gross or 4 cts. net per kw-hr.

All over 360 hours' use of the connected load per quarter, 4 cts. gross or 3 cts. net per kw-hr.

Off-Peak Service, for installations of 20 h. p. and over.

All users of power at an off-peak rate shall be subject to a minimum charge of \$8.00 gross or \$6.00 net per connected h. p. per annum, adjustment to be made semiannually, to wit: on the first day of January and July each year, consumers enjoying the above rate being prohibited from using power from 4 p. m to 10 p. m. each day; provided further that con-

sumers violating the above conditions shall not receive the benefit of above rates and shall be subject to the regular power rates now in force, for that quarter.

Energy Charge:

First 90 hours' use of connected load per quarter, 6 cts. gross or 5 cts. net per kw-hr.

Next 270 hours' use of the connected load per quarter, 5 cts. gross or 4 cts. net per kw-hr.

All over 360 hours' use of the connected load per quarter, 4 cts. gross or 3 cts. net per kw-hr.

Combination Power and Light Service:

When the current for light and power is measured by the same meter the following rates shall be charged:

Service Charge: For lights connected, \$0.75 gross and \$0.60 net per 100 active watts per quarter.

Power Connected: \$2.00 gross or \$1.50 net per connected h. p. per quarter.

Meter Charge: Plus 6 cts. gross or 5 cts. net for the first 90 hours' use per quarter of the combined active lighting load and the connected power load, plus 5 cts. gross or 4 cts. net or all use in excess of 90 hours quarterly.

Discount:

The difference between the gross and the net rates shall constitute a discount for prompt payment.

Reconnection Charge—The charge for the reconnection of service for the same consumer on the same premises shall be \$1.00.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

12—400 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight midnight schedule.

73—100 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, same burning schedule as above.

Flat charge of \$1,744 per year for all street lighting.

ORNAMENTAL:

None.

FAIRCHILD.

(Population, 678.)

WISCONSIN-MINNESOTA LIGHT & POWER COMPANY

(See Alma Center for commercial rate schedule.)

Street Lighting.

GENERAL:

42—60 c. p., 7.5 ampere, a. c. series gas filled tungsten lamps, burning all night, every night. Rate \$24 per lamp per year.

3—200 c. p., 7.5 ampere, a. c. series gas filled tungsten lamps, burning all night, every night. Rate \$72 per lamp per year.

ORNAMENTAL:

None.

FAIRWATER.

(Population, 500.)

FAIRWATER ELECTRIC COMPANY.

Method of generation, oil engines and water power.

Daily operating period, from 4 a. m. to 12:30 a. m.

Commercial Lighting.

Minimum charge per month, \$1.00.

First 25 kw-hr. per month 15 cts. per kw-hr.

Next 25 " " " 12½ " " "

Next 25 " " " 10 " " "

All over 75 " " " 6 " " "

Meters are owned by the utility.

A charge of \$1.00 is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

16—100 watt, 110 volt, a. c. multiple gas filled tungsten lamps, burning on a dusk to 10:30 moonlight schedule. Rate \$15 per lamp per month.

ORNAMENTAL:

None.

FALL CREEK.

(Population, 523.)

WISCONSIN-MINNESOTA LIGHT & POWER COMPANY

(See Alma Center for commercial rate schedule.)

Street Lighting.**GENERAL:**

28—60 c. d., 7.5 ampere, a. c. series gas filled tungsten lamps, burning all night, every night. Rate \$24 per lamp per year.

ORNAMENTAL:

None.

FALL RIVER.

(Population, 360.)

FALL RIVER LIGHT AND POWER COMPANY.

Method of generation. kerosene engine.

Daily operating period, dusk to 11 p. m.

Commercial Lighting.

Minimum charge per month, \$1.00.

First 15 kw-hr. per month, 12 cts. net or 13 cts. gross per kw-hr.

Next 25 kw-hr. per month, 10 cts. net or 11 cts. gross per kw-hr.

Over 40 kw-hr. per month, 9 cts. net or 10 cts. gross per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

36—100 watt, 110 volt, a. c., multiple tungsten lamps, burning on an every-night, dusk to 11 p. m. schedule. Rate \$15 per lamp per year.

ORNAMENTAL:

None.

FARMINGTON, TOWN OF

(Jefferson County.)

WISCONSIN GAS & ELECTRIC CO.

(See rural rate schedule for town of Geneva.)

Street Lighting.

None.

FENNIMORE.

(Population, 1,159.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.*Inside of the Village:*

Minimum bill, 75 cts. per month.

14 cts. gross or 13 cts. net per kw-hr. for the first 15 kw-hr. used per month.

12 cts. gross or 11 cts. net per kw-hr. for all in excess of the first 15 kw-hr. per month.

Outside of the Village:

Minimum bill, \$1.00 per month.

15 cts. gross or 14 cts. net per kw-hr. for the first 15 kw-hr. used per month.

13 cts. gross or 12 cts. net per kw-hr. for all in excess of the first 15 kw-hr. per month.

Commercial Power.

Minimum bill \$1.00 per h. p. per month.

First 600 kw-hr. per month 7 cts. gross or 6 cts. net.

Next 1,000 " " " 6 " " 5 " "

Next 900 " " " 5 " " 4 " "

All over 2,500 " " " 4½ " " 3½ "

Motors of 1 h. p. or less connected to a lighting circuit shall be governed by the lighting rates.

Discounts.

All consumers are billed at the gross rate and the difference between the gross and the net rates constitutes a discount for payment on or before the 10th day of the month following the month in which the service was rendered.

Consumers own meters.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

11—400 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight, dusk to 11 p. m. schedule. Rate \$40 per lamp per year.

21—250 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight dusk to 11 p. m. schedule. Rate \$30 per lamp per year.

ORNAMENTAL:

None.

FIFIELD.

(Population 500.)

FIFIELD LIGHT & POWER COMPANY.

Method of generation, kerosene and gasoline.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month: residences \$1.25; business places \$1.50.

Current, 12 cts. per kw-hr.

Meters are owned by utility.

Street Lighting.**GENERAL:**

12—200 watt, 110 volt, d. c., multiple gas filled tungsten lamps,
burning every night from dusk to 11 p. m. Rate \$41.67
per lamp per year.

ORNAMENTAL:

None.

FLORENCE.

(Population, 1,684.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, dusk to dawn.

Commercial Lighting.**FLAT RATES:**

33 cts. per 16 c. p. lamp used only in the evening.

50 cts. per 16 c. p. lamp used all night.

A charge of \$1.00 is made for connecting consumer's premises with
lines.

Street Lighting.**GENERAL:**

7—400 c. p. and 36—250 c. p., 6.6 ampere a. c. series gas filled
tungsten lamps, burning from dusk to dawn. Flat charge
of \$1.100 per year.

ORNAMENTAL:

None.

FOND DU LAC.

(Population, 18,797.)

EASTERN WISCONSIN RAILWAY & LIGHT CO.

Method of generation, steam.

Daily operating period, continual.

Commercial Lighting.**METER RATES:**

Minimum monthly charge, \$1.00.

Current, 12 cts. per kw-hr.

| | | | | |
|------------|-----------|----------|-------------------|-------|
| Bills from | \$1.25 to | \$9.00, | quantity discount | 10% |
| " | " | 9.01 " | 12.00, " | " 15% |
| " | " | 12.01 " | 24.00, " | " 20% |
| " | " | 24.01 " | 36.00, " | " 25% |
| " | " | 36.01 " | 60.00, " | " 30% |
| " | " | 60.01 " | 100.00, " | " 35% |
| " | " | 100.01 " | 140.00, " | " 40% |
| " | " | 140.01 " | 180.00, " | " 45% |
| " | over | 180.00 | " " | 50% |

From these rates a discount of 10 per cent will be allowed if
bill is paid in ten days from its date.

FLAT RATES:
Electric Sign Service:

| Watts capacity | 8 hrs. | 7 hrs. | 6 hrs. | 5 hrs. | 4 hrs. | 3 hrs. |
|-------------------|--------|--------|--------|--------|--------|--------|
| 120 | \$2.02 | | | | | |
| 130 | 2.18 | \$2.05 | | | | |
| 140 | 2.35 | 2.20 | \$2.02 | | | |
| 150 | 2.52 | 2.36 | 2.16 | | | |
| 160 | 2.69 | 2.51 | 2.30 | \$2.04 | | |
| 170 | 2.86 | 2.67 | 2.44 | 2.16 | | |
| 180 | 3.03 | 2.82 | 2.58 | 2.29 | | |
| 190 | 3.20 | 2.96 | 2.62 | 2.41 | \$2.06 | |
| 200 | 3.12 | 2.94 | 2.70 | 2.40 | 2.04 | |
| 210 | 3.28 | 3.09 | 2.84 | 2.52 | 2.14 | |
| 220 | 3.43 | 3.23 | 2.97 | 2.64 | 2.24 | |
| 230 | 3.59 | 3.38 | 3.11 | 2.76 | 2.35 | |
| 240 | 3.74 | 3.53 | 3.24 | 2.88 | 2.45 | |
| 250 | 3.60 | 3.68 | 3.38 | 3.00 | 2.55 | \$2.03 |
| 260 | 4.06 | 3.82 | 3.51 | 3.12 | 2.65 | 2.11 |
| 270 | 4.21 | 3.97 | 3.65 | 3.24 | 2.75 | 2.19 |
| 280 | 4.26 | 4.01 | 3.78 | 3.32 | 2.85 | 2.27 |
| 290 | 4.40 | 4.14 | 3.92 | 3.40 | 2.96 | 2.35 |
| 300 | 4.50 | 4.25 | 3.92 | 3.49 | 2.97 | 2.36 |
| 310 | 4.65 | 4.40 | 4.05 | 3.60 | 3.07 | 2.44 |
| 320 | 4.80 | 4.55 | 4.18 | 3.71 | 3.17 | 2.52 |
| 330 | 4.95 | 4.70 | 4.31 | 3.82 | 3.27 | 2.60 |
| 340 | 5.10 | 4.85 | 4.44 | 3.93 | 3.37 | 2.68 |
| 350 | 5.25 | 5.00 | 4.57 | 4.04 | 3.47 | 2.76 |
| 360 | 5.40 | 5.15 | 4.70 | 4.15 | 3.57 | 2.84 |
| 370 | 5.55 | 5.30 | 4.83 | 4.26 | 3.67 | 2.92 |
| 380 | 5.70 | 5.45 | 4.96 | 4.37 | 3.77 | 3.00 |
| 390 | 5.85 | 5.70 | 5.09 | 4.48 | 3.87 | 3.08 |
| 400 | | 5.46 | 5.04 | 4.50 | 3.84 | 3.06 |
| 410 | | 5.60 | 5.17 | 4.61 | 3.94 | 3.14 |
| 420 | | 5.73 | 5.29 | 4.73 | 4.03 | 3.22 |
| 430 | | 5.87 | 5.42 | 4.84 | 4.13 | 3.30 |
| 440 | | 6.00 | 5.54 | 4.95 | 4.22 | 3.37 |
| 450 | | 6.14 | 5.67 | 5.06 | 4.32 | 3.45 |
| 460 | | 6.27 | 5.80 | 5.18 | 4.42 | 3.52 |
| 470 | | 6.41 | 5.92 | 5.29 | 4.51 | 3.59 |
| 480 | | 6.55 | 6.05 | 5.40 | 4.61 | 3.66 |
| 490 | | 6.69 | 6.17 | 5.51 | 4.70 | 3.74 |
| 500 | | 6.72 | 6.33 | 5.55 | 4.74 | 3.78 |
| 510 | | 6.85 | 6.46 | 5.66 | 4.84 | 3.86 |
| 520 | | 6.99 | 6.58 | 5.77 | 4.96 | 3.93 |
| 530 | | 7.12 | 6.71 | 5.88 | 5.03 | 4.01 |
| 540 | | 7.26 | 6.83 | 5.99 | 5.12 | 4.08 |
| 550 | | 7.39 | 6.96 | 6.10 | 5.22 | 4.16 |
| 560 | | 7.53 | 7.08 | 6.21 | 5.31 | 4.23 |
| 570 | | 7.66 | 7.20 | 6.33 | 5.41 | 4.31 |
| 580 | | 7.80 | 7.33 | 6.44 | 5.50 | 4.38 |
| 590 | | 7.93 | 7.45 | 6.55 | 5.60 | 4.46 |
| 600 | | 7.94 | 7.22 | 6.67 | 5.62 | 4.48 |
| 610 | | 8.07 | 7.34 | 6.68 | 5.71 | 4.56 |
| 620 | | 8.20 | 7.56 | 6.79 | 5.80 | 4.63 |
| 630 | | 8.33 | 7.69 | 6.90 | 5.90 | 4.71 |
| 640 | | 8.47 | 7.81 | 7.01 | 5.99 | 4.78 |
| 650 | | 8.73 | 8.05 | 7.23 | 6.18 | 4.93 |
| 660 | | 8.60 | 7.93 | 7.12 | 6.08 | 4.86 |
| 670 | | 8.86 | 8.17 | 7.34 | 6.27 | 5.01 |
| 680 | | 8.99 | 8.29 | 7.45 | 6.37 | 5.08 |
| 690 | | 9.13 | 8.41 | 7.56 | 6.46 | 5.15 |
| 700 | | 9.11 | 8.44 | 7.56 | 6.47 | 5.17 |
| 710 | | 9.24 | 8.56 | 7.67 | 6.56 | 5.24 |
| 720 | | 9.37 | 8.68 | 7.78 | 6.65 | 5.31 |
| 730 | | 9.50 | 8.80 | 7.84 | 6.75 | 5.39 |
| 740 | | 9.63 | 8.92 | 7.99 | 6.84 | 5.46 |
| 750 | | 9.76 | 9.04 | 8.10 | 6.93 | 5.54 |
| 760 | | 9.89 | 9.16 | 8.21 | 7.02 | 5.61 |
| 770 | | 10.02 | 9.28 | 8.32 | 7.11 | 5.68 |
| 780 | | 10.15 | 9.40 | 8.42 | 7.21 | 5.76 |
| 790 | | 10.28 | 9.52 | 8.53 | 7.30 | 5.83 |
| 800 | | | 9.40 | 8.52 | 7.30 | 5.83 |
| 810 | | | 9.52 | 8.63 | 7.39 | 5.91 |
| 820 | | | 9.64 | 8.72 | 7.49 | 5.98 |
| 830 | | | 9.76 | 8.83 | 7.67 | 6.06 |

| Watts capacity | 8 hrs. | 7 hrs. | 6 hrs. | 5 hrs. | 4 hrs. | 3 hrs. |
|-------------------|--------|--------|--------|--------|--------|--------|
| 840 | | | 9.88 | 8.94 | 7.68 | 6.12 |
| 850 | | | 10.00 | 9.04 | 7.75 | 6.20 |
| 860 | | | 10.12 | 9.15 | 7.84 | 6.27 |
| 870 | | | 10.24 | 9.26 | 7.93 | 6.34 |
| 880 | | | 10.36 | 9.36 | 8.03 | 6.42 |
| 890 | | | 10.48 | 9.47 | 8.12 | 6.40 |
| 900 | | | 10.48 | 9.47 | 8.12 | 6.40 |
| 910 | | | 10.65 | 9.56 | 8.19 | 6.55 |
| 920 | | | 10.76 | 9.66 | 8.28 | 6.62 |
| 930 | | | 10.88 | 9.77 | 8.37 | 6.70 |
| 940 | | | 11.00 | 9.87 | 8.46 | 6.77 |
| 950 | | | 11.12 | 9.98 | 8.55 | 6.84 |
| 960 | | | 11.23 | 10.08 | 8.64 | 6.91 |
| 970 | | | 11.35 | 10.19 | 8.73 | 6.98 |
| 980 | | | 11.47 | 10.29 | 8.82 | 7.06 |
| 990 | | | 11.59 | 10.40 | 8.91 | 7.13 |
| 1000 | | | 11.70 | 10.50 | 9.00 | 7.20 |
| 1010 | | | 11.82 | 10.61 | 9.09 | 7.27 |
| 1020 | | | 11.93 | 10.71 | 9.18 | 7.34 |
| 1030 | | | 12.05 | 10.82 | 9.27 | 7.42 |
| 1040 | | | 12.17 | 10.92 | 9.36 | 7.49 |
| 1050 | | | 12.29 | 11.03 | 9.45 | 7.56 |
| 1060 | | | 12.40 | 11.13 | 9.54 | 7.63 |
| 1070 | | | 12.52 | 11.24 | 9.63 | 7.70 |
| 1080 | | | 12.64 | 11.34 | 9.72 | 7.78 |
| 1090 | | | 12.75 | 11.45 | 9.81 | 7.86 |
| 1100 | | | 12.87 | 11.55 | 9.90 | 7.92 |
| 1110 | | | 12.99 | 11.66 | 9.99 | 7.99 |
| 1120 | | | 13.10 | 11.76 | 10.08 | 8.06 |
| 1130 | | | 13.22 | 11.87 | 10.17 | 8.14 |
| 1140 | | | 13.34 | 11.97 | 10.26 | 8.21 |
| 1150 | | | 13.46 | 12.08 | 10.35 | 8.28 |
| 1160 | | | 13.57 | 12.18 | 10.44 | 8.35 |
| 1170 | | | 13.69 | 12.29 | 10.53 | 8.42 |
| 1180 | | | 13.81 | 12.39 | 10.62 | 8.50 |
| 1190 | | | 13.92 | 12.50 | 10.71 | 8.57 |
| 1200 | | | 13.83 | 12.42 | 10.66 | 8.53 |
| 1220 | | | 14.05 | 12.63 | 10.83 | 8.67 |
| 1240 | | | 14.28 | 12.88 | 11.01 | 8.82 |
| 1260 | | | 14.52 | 13.04 | 11.19 | 8.96 |
| 1280 | | | 14.75 | 13.25 | 11.37 | 9.10 |
| 1300 | | | 14.98 | 13.46 | 11.54 | 9.24 |
| 1320 | | | 15.21 | 13.66 | 11.72 | 9.39 |
| 1340 | | | 15.44 | 13.87 | 11.90 | 9.53 |
| 1360 | | | 15.67 | 14.08 | 12.08 | 9.67 |
| 1380 | | | 15.90 | 14.28 | 12.26 | 9.81 |
| 1400 | | | 15.88 | 14.28 | 12.26 | 9.83 |
| 1420 | | | 16.10 | 14.48 | 12.47 | 9.97 |
| 1440 | | | 16.33 | 14.69 | 12.64 | 10.11 |
| 1460 | | | 16.56 | 14.89 | 12.82 | 10.25 |
| 1480 | | | 16.73 | 15.10 | 13.00 | 10.39 |
| 1500 | | | 17.01 | 15.30 | 13.17 | 10.53 |
| 1520 | | | 17.24 | 15.50 | 13.34 | 10.67 |
| 1540 | | | 17.47 | 15.71 | 13.53 | 10.81 |
| 1560 | | | 17.69 | 15.91 | 13.69 | 10.95 |
| 1580 | | | 17.92 | 16.12 | 13.87 | 11.09 |
| 1600 | | | | 16.08 | 13.82 | 11.09 |
| 1620 | | | | 16.27 | 13.90 | 11.22 |
| 1640 | | | | 16.46 | 14.07 | 11.36 |
| 1660 | | | | 16.65 | 14.24 | 11.49 |
| 1700 | | | | 16.83 | 14.48 | 11.68 |
| 1720 | | | | 17.03 | 14.65 | 11.77 |
| 1740 | | | | 17.22 | 14.82 | 11.90 |
| 1760 | | | | 17.41 | 14.99 | 12.03 |
| 1780 | | | | 17.70 | 15.16 | 12.17 |
| 1800 | | | | 17.55 | 15.12 | 12.15 |
| 1820 | | | | 17.75 | 15.28 | 12.28 |
| 1840 | | | | 17.94 | 15.44 | 12.41 |
| 1860 | | | | 18.14 | 15.60 | 12.54 |
| 1880 | | | | 18.30 | 15.74 | 12.67 |
| 1900 | | | | 18.24 | 15.73 | 12.66 |
| 1920 | | | | 18.43 | 15.89 | 12.78 |
| 1940 | | | | 18.62 | 16.05 | 12.91 |
| 1960 | | | | 18.81 | 16.21 | 13.04 |

| Watts capacity | 8 hrs. | 7 hrs. | 6 hrs. | 5 hrs. | 4 hrs. | 3 hrs. |
|----------------|--------|--------|--------|--------|--------|--------|
| 1980 | | | | 19.00 | 16.37 | 13.17 |
| 2000 | | | | 18.90 | 16.32 | 13.14 |
| 2020 | | | | 19.08 | 16.48 | 13.26 |
| 2040 | | | | 19.28 | 16.64 | 13.38 |
| 2060 | | | | 19.44 | 16.80 | 13.50 |
| 2080 | | | | 19.62 | 16.96 | 13.62 |
| 2100 | | | | 19.53 | 16.88 | 13.60 |
| 2120 | | | | 19.71 | 17.04 | 13.72 |
| 2140 | | | | 19.89 | 17.20 | 13.84 |
| 2160 | | | | 20.07 | 17.36 | 13.96 |
| 2180 | | | | 20.25 | 17.52 | 14.08 |
| 2200 | | | | 21.13 | 17.42 | 14.06 |
| 2220 | | | | 20.31 | 17.57 | 14.18 |
| 2240 | | | | 20.49 | 17.72 | 14.30 |
| 2260 | | | | 20.85 | 18.02 | 14.54 |
| 2300 | | | | 20.70 | 17.94 | 14.49 |
| 2320 | | | | 20.88 | 18.09 | 14.61 |
| 2340 | | | | 21.06 | 18.24 | 14.73 |
| 2360 | | | | 21.24 | 18.39 | 14.85 |
| 2380 | | | | 21.42 | 18.54 | 14.97 |

Commercial Power.

| | | | |
|----------|-----------|-------|-------------------|
| First | 50 kw-hr. | ..... | \$0.08 per kw-hr. |
| Second | 50 " | ..... | .07 " " |
| Third | 50 " | ..... | .06 " " |
| Fourth | 50 " | ..... | .05 " " |
| Fifth | 50 " | ..... | .04 " " |
| All over | 250 " | ..... | .03 " " |

Discount 10% if paid within 10 days of date of bill.

Meters are owned by the utility.

A minimum charge of \$3.00 is made for connecting consmer's premises with lines.

Street Lighting.**GENERAL:**

217—4 ampere, d. c. series flame arc lamps, burning all night, every night. Rate \$63 per lamp per year.

ORNAMENTAL:

58 posts, 100 feet apart in pairs; 1—100 watt and 4—60 watt tungsten lamps on each post; 100 watt lamps burn all night, every night and 60 watt lamps burn 3 hours each night. Rate \$30 per post per year, plus maintenance. System installed by merchants. City pays for service and maintenance.

FONTANA.

(Population, 300.)

SOUTHERN WISCONSIN ELECTRIC CO.

Method of generation, steam and hydraulic.

Daily operating period, continuous.

PART I.**Commercial Lighting.****STANDARD RATE.**

Primary—15 cts. net, 16 cts. gross per kw-hr. for the first 30 hours' use per month of active load.

Secondary—13 cts. net, 14 cts. gross per kw-hr. for the next 60 hours' use per month of active load.

Excess—7 cts. net, 8 cts. gross per kw-hr. for all in excess of 90 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

Class A shall include residences, dwellings, flats, rooming houses, hotels, sanitariums, hospitals, Y. M. C. A., and clubs in which meals and rooms are furnished. In this class 60 per cent of the first 500 watts connected, and $33\frac{1}{3}$ per cent of all in excess of 500 watts connected shall be deemed active if the connected load is equivalent to 50 watts or more per opening. If the connected load is equivalent to less than 50 watts per opening, 60 per cent of the first 500 watts connected, $33\frac{1}{3}$ per cent of the next 1,500 watts connected, and 20 per cent of all in excess of 2,000 watts connected shall be deemed active.

Class B shall include banks, offices, stores, shops, saloons, billiard and pool halls, depots, theaters, lodge rooms, and clubs, not includable in Class A. In this class 70 per cent of the first 2.5 kw. connected and 55 per cent of all in excess of 2.5 kw. connected shall be deemed active.

Class C shall include public buildings, schools, churches, factories, warehouses, stables, and garages. In this class, 55 per cent of the total connected load shall be deemed active. For all lighting installations exceeding 5 kw. connected load, the active load shall, at the consumers' option, be determined by maximum demand meters. The connected load shall be represented by the total wattage of lamps connected.

Minimum Charge:

| | | |
|-----------------|----------------------|------------------|
| Under | 1 kw. connected load | \$0.60 per month |
| From 1 to 2 kw. | connected load | 0.80 per month |
| From 2 to 5 kw. | connected load | 1.25 per month |
| Over | 5 kw. connected load | 2.25 per month |

OPTIONAL RATE.

Optional with standard rate to all consumers on optional rate July 1st, 1916, electing to remain on same.

Commercial Lighting—12 cts. per kw-hr.

Residential Lighting—14 cts. per kw-hr.

FLAT RATE SERVICE:

For window lighting, sign lighting and other lighting on company's patrol service or controlled by time switch set by the company:

$1\frac{1}{2}$ cts per month per watt connected less 10 per cent discount if bills are paid within 10 days after date of billing.

Commercial Power.

STANDARD RATE.

Primary— $7\frac{1}{2}$ cts. net, $8\frac{1}{2}$ cts. gross per kw-hr. for the first 15 hours' use per month of active load.

Secondary— $5\frac{1}{2}$ cts. net, $6\frac{1}{2}$ cts. gross per kw-hr. for the next 30 hours' use per month of active load.

Excess—3 cts. net, 4 cts. gross per kw-hr. for all in excess of 45 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

90 per cent of the first 10 h. p. installed shall be deemed active
 75 per cent of the next 20 h. p. installed shall be deemed active
 60 per cent of the next 30 h. p. installed shall be deemed active
 50 per cent of all over 60 h. p. installed shall be deemed active

Minimum Charge: 75 cts. per month for the first h. p. connected
 and 25 cts. per month for each additional h. p. connected.

For power used during off-peak hours and measured on the primary side of the power transformers, or if primary motors are used, installation to be 50 h. p. or above: regular power rate with 4 cts. per kw-hr. maximum price guarantee.

OPTIONAL RATE.

Optional with standard rate to all consumers on optional rate
 July 1st, 1916, electing to remain on same.

6 cts. per kw-hr. for the first 100 kw-hr. per month.

5 cts. per kw-hr. for the next 400 kw-hr. per month.

4 cts. per kw-hr. for all over 500 kw-hr. per month.

Cooking and Heating.

Primary—10 cts. net, 10½ cts. gross per kw-hr. for the first 10 kw-hr. used per month.

Secondary—2½ cts. net, 3 cts. gross per kw-hr. for all over 10 kw-hr. used per month.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Minimum Charge: \$24.00 per year up to and including 6 kw. of aggregate connected load.

\$4.00 per year for each additional kw. of aggregate connected load.

Wholesale Light and Power.

Primary Charge—\$2.40 per month per kw. of maximum demand up to and including 50 kw. \$2.00 per month per kw. of maximum demand over 50 kw.

Secondary Charge—5 cts. per kw-hr. for the first 1,000 kw-hr. used per month.

3 cts. per kw-hr. for the next 4,000 kw-hr. used per month.

1.1 cts. per kw-hr. for the next 25,000 kw-hr. used per month.

0.9 cts. per kw-hr. for all over 30,000 kw-hr. used per month.

The company shall have the right at any time to require the customer to make a reasonable deposit in advance to secure the payment of bills, such deposit if requested by the customer, to bear interest as provided in receipt issued by the company.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

None.

PART II.

Rates for all year service outside village limits. See Part II of Delavan schedule.

PART III.

Rates for summer service. See Part III of Delavan schedule.

FORT ATKINSON.

(Population, 3,877.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

For all metered lighting service, including incidental use of appliances for heating and power on lighting services and measured by the same meter, the following charges:

I. Inside City.

Primary Rate. 10-cts. net or 11 cts. gross per kw-hr. for current used equivalent to or less than the first 30 kw-hr. per month per kw. of the active connected load.

Secondary Rate. 6.5 cts. net or 7.5 cts. gross per kw-hr. for additional current used equivalent to or less than the next 60 kw-hr. per month per kw. of the active connected load.

Excess Rate. 4.5 cts. net or 5.5 cts. gross per kw-hr. for all current used in excess of 90 kw-hr. per month per kw. of the active connected load.

II. Outside City.

Primary Rate. 12 cts. net or 13 cts. gross per kw-hr. for current used equivalent to or less than the first 30 kw-hr. per month per kw. of the active connected load.

Secondary Rate. 8 cts. net or 9 cts. gross per kw-hr. for additional current used equivalent to or less than the next 60 kw-hr. per month per kw. of the active connected load.

Excess Rate. 5.5 cts. net or 6.5 cts. gross per kw-hr. for all current used in excess of 90 kw-hr. per month per kw. of the active connected load.

III. Determination of Active Lighting Load.

The active connected load shall in each case be a fixed percentage of the total connected load, consisting of lamps, appliances, etc., installed upon each consumer's premises in different classifications as follows:

In Class A, which shall include residences, dwellings, flats, and private rooming houses, 60 per cent of the first 500 watts nominal rated capacity of the total connected load and 33⅓ per cent of all over 500 watts nominal rated capacity of the total connected load shall be deemed active.

In Class B, which shall include stores, offices, barber shops, restaurants, meat markets, halls, lodge halls, bowling alleys, millineries, tailor shops, billiard and pool halls, drug stores, photo galleries, banks, theaters, saloons, passenger depots, etc., 70 per cent of the first 2.5 kw. nominal rated capacity of the total connected load and 55 per cent of all over 2.5 kw. nominal rated capacity of the total connected load shall be deemed active.

In Class C, which shall include hotels, churches, club rooms, barns, garages, liverys, post offices, laundries, factories, blacksmith shops, warehouses, freight depots, creameries, nurseries, breweries, bakeries, print shops, and other business and industrial establishments of a similar nature and all municipal buildings, 55 per cent of the nominal rated capacity of the total connected load shall be deemed active.

Consumers under Class C may use double throw switches on circuits of equal load, such loads are figured as one-half the total of both circuits.

The first 600 watts of each incidental appliance shall be omitted in the computation of the connected load.

All empty sockets are rated at 35 watts in computing the active load. Consumer may seal empty sockets.

Power service for loads of 2 h. p. or less may be furnished at the option of the consumer under this schedule.

In case one meter supplies two or more consumers the total active connected load shall be the sum of the active connected loads of each consumer computed separately.

IV. Short Time Rate.

Primary rate of 11 cts. gross or 10 cts. net.

Commercial Power.

V. Rate for Power Service Inside City.

A. STANDARD RATE FOR POWER SERVICE.

To customers signing the utility's standard form of contract, providing for power service for one year or more, the charge for electric service shall be computed on the following basis:

Demand Charge—(Payable in equal monthly installments).

| | | |
|---------|--|--------|
| \$42.00 | per year for each kw. of demand of the first | 10 kw. |
| 30.00 | " " " " " " next | 50 " |
| 24.00 | " " " " " " " 140 " | |
| 18.00 | " " " " " " in excess of | 200 " |

All plus an energy charge as follows:

Energy Charge.

3.5 cts. per kw-hr. for the first 1,000 kw-hr. consumption during month.

2.5 cts. per kw-hr. for the next 3,000 kw-hr. consumption during month.

1.5 cts. per kw-hr. for the next 6,000 kw-hr. consumption during month.

1.0 cts. per kw-hr. for the next 40,000 kw-hr. consumption during month.

0.8 cts. per kw-hr. for all energy consumed in one month in excess of 50,000 kw-hr.

Should the conditions of use of customer's demand be obviously such that he would never earn a lower rate under the "Standard," than under the "Increment" rate schedule, the "Increment" rate schedule shall apply. The "Increment" schedule is optional with the "Standard" rate.

B. OPTIONAL OR INCREMENT RATE FOR POWER SERVICE.

Service specified as "Power" may be contracted for at the option of the customer at the following rates:

First 200 kw-hr. during any month 6 cts. per kw-hr.

Next 200 " " " " 5 " " "

" 200 " " " " 4 " " "

" 7400 " " " " 3 " " "

All energy in excess of 8000 kw-hr. during any month, 2 cts. per kw-hr.

C. RATES FOR SPECIAL POWER SERVICE.

a. Limited or Off-peak Service.

The foregoing "Standard" rate for power less one-half the demand charge shall apply to customers contracting to utilize and

utilizing power service only at times other than during the hours of the day for the months specified as follows:

| <i>Month</i> | <i>Hours during which service shall not be used.</i> |
|----------------|--|
| October | 5:30 p. m. to 7 p. m. |
| November | 5:00 " " " " |
| December | 4:30 " " " " |
| January | 4:40 " " " " |
| February | 5:20 " " " " |
| March | 6:00 " " " " |

Customers shall install and maintain in operating condition an automatic time switch of the type approved by the water and light commission.

Limited or off-peak service shall be sold only on annual contracts.

b. Ten-seven Service.

The foregoing "Standard" rates for power less three-fourths of the demand charge shall apply to all customers contracting to utilize and utilizing the utility's service only during the hours 10:00 p. m. to the following 7:00 a. m. Customer shall install and maintain in operating condition an automatic time switch of the type approved by the water and light commission.

c. Unlimited Break-Down Service.

The foregoing "Standard" rate for power service under unlimited service shall apply for break-down or emergency service connections for power or lighting. Since the actual demand for such service is unknown, customers shall contract for any demand, and shall be limited to the demand, as contracted for, by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the water and light commission. It shall be set to open when the demand exceeds 125 per cent of the kilovolt-ampere demand contracted for.

d. Limited Break-Down Service.

The foregoing Standard rate for power service under Limited or Off-peak service, shall be furnished for break-down or emergency power and lighting service. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the water and light commission. It shall be set to open when the demand exceeds 125 per cent of the kilovolt-ampere demand contracted for.

VI. Rates for Power Service Outside City.

For power service furnished outside the city, the demand charge of the "Standard" rate shall be increased 10 per cent; and each step of the "Optional or increment" schedule shall be increased 0.5 cts. per kw-hr.

VII. Short Time Power Rate.

Reconnection charge \$1.50 plus an increase on demand charge of 10% over Standard and Optional Rate.

VIII. Minimum Monthly Payments.

1. Lighting in City. The minimum monthly payment to be made by urban lighting customers shall be 60 cts. net or 70 cts gross.

2. **Lighting Outside City.** The minimum monthly payment to be made rural lighting customers shall be 75 cts. net or 90 cts. gross.
3. **Power.** The minimum monthly payment to be made by any customer, except customers purchasing service under the lighting schedule or under the "Optional or Increment Power" schedule, shall be the monthly installment of the annual demand charge.
4. **Power in City.** A minimum monthly bill under the "Optional or Increment" rate for urban power customer shall be charged of \$1.50 for an installation of 2 h. p. or less nominal rated capacity, plus 75 cts. for each additional h. p. or fraction thereof, nominal rated capacity.
5. **Power Outside City.** A minimum monthly bill under the "Optional or Increment" rate for rural power customers shall be charged of \$2.00 for an installation of 2 h. p. or less, nominal rated capacity, plus \$1.00 for each additional h. p. or fraction thereof nominal rated capacity.
6. **Seasonal Service.** Customers whose seasonal peak demands occur during the months of April, May, June, July, August, and September and who contract to demand not more than 20 per cent of such seasonal demand during the months of October, November, December, January, February, and March, may contract for power service under the "Optional or Increment" schedule, and the minimum monthly charge shall be based upon the measured monthly demands and computed upon the same schedule.
7. **Lowest Cross Power Minimum.** A minimum monthly bill for any power customer having an installation of 2 h. p. or less, and purchasing service either under the "Standard" rate or "Optional or Increment" rate shall be charged \$1.50 for service rendered inside the city and \$2.00 outside the city.

IX. Measurement of Demand.

1. The demand is defined as the greatest rate at which electrical energy is used by the customer within any period of fifteen consecutive minutes during the contract year.
2. For power installations of over 2 kw. the demand shall be measured by permanently installed demand meters. Such readings may be ascertained by the option of the water and light commission by a graphic quarterly hourly reading of the watt-meter or by the graphic recording watt-meter, or by a so-called Wright demand-meter.
3. For power installations of 2 kw. connected or less, the demand shall be assessed as 75 per cent of the connected load, as indicated by the manufacturer's rating.
4. The maximum demand charge during any month for power service shall not be less than that computed on the basis of 75 per cent of the maximum demand during any previous month of the customer's contract year.

Temporary Assessment of Power Demand.

1. In power installations in excess of 2 kw. connected, where customer is connected for service during a month during which the maximum measured demand shall be less than the probable demand obtaining during November, December, January or February, the demand will be assessed in accordance with

the following rules, and such assessed demand will be corrected as soon as the actual demand for the year has been measured and the difference in the demand rate billed upon the assessed or estimated demand and the demand rate based upon the actual or measured demand shall be credited to the customer or paid by the customer as the case may be.

2. The assessed demand for power shall be determined as a percentage of the total connected load as indicated by the manufacturer's rating.

First 10 h. p. connected—75 per cent active.

Next 40 h. p. connected—60 per cent active.

All over 50 h. p. connected—50 per cent active.

If the customer's connected load is permanently decreased the demand charge shall be reduced accordingly. Where customer's connected load is 2 kw. or less, the demand shall be re-assessed. If the customer's load is in excess of 2 kw. the demand shall be determined by measurement and the time at which the change in connected load occurs will influence the basis upon which the new demand charge shall be determined. If the customer's connected load is reduced prior to December 15 of the customer's contract year, the demand may be remeasured and the new demand so ascertained be taken as the basis of the demand charge for the remaining portion of the customer's contract year. If the customer's installation be reduced subsequent to December 15 of the customer's contract year, then the new demand charge shall be determined upon the basis of the temporary assessed demand, as provided in the preceding paragraphs, and such assessed demand will continue to be the basis upon which the customer shall be billed for service until a new demand shall be ascertained by measurement during the months of October, November, December, and January following.

Power service shall include:

1. Electric energy utilized for motive and heating purposes, and miscellaneous lighting service, where the demand arising from such miscellaneous lighting service shall not be in excess of 20 per cent of the total simultaneous demand for lighting and power service.
2. Stereopticons, moving picture machines, photographer's arc lamps and rectifiers for power purposes shall be classed as power equipment.
3. Where service for lighting or other application requiring single phase current is desired by customer to be supplied through meter measuring energy as polyphase power service, the unbalancing of the phases of the polyphase service arising from the use of the service for lighting or other purposes shall not exceed 10 per cent of the demand in kilowatts contracted for or measured. The power factor of such unbalanced single phase load shall not be less than 75 per cent. Should customer's demand for single phase service exceed the above, the same shall be divided as nearly as practicable to obtain a balanced condition of the polyphase service. Customer may contract for single phase requirements in excess of 10 per cent of polyphase demand as a separate single phase service. Where miscellaneous lighting service is supplied through the same meter as "Power" service, customer shall be required to supply apparatus for rendering available voltage required for lighting.

X. Discount for Prompt Payment.

1. The difference between the gross and net rates of the lighting schedules shall constitute a discount on bills paid at the office of the utility within 10 days of date of bill.
2. On power bills paid at the office of the utility within 10 days of date of bill, a discount of 5 per cent of the first \$25 of all bills and 1 per cent on amounts in excess of \$25 will be given.

XI. Reconnection Charge.

For reconnection of meter for the same customer upon the same premises, a charge of \$1.50 shall be made.

Meters are owned by utility.

No charge is made for connecting new consumer's premises with lines.

Street Lighting.**GENERAL:**

644—20 watt, 110 volt, a. c. multiple tungsten lamps, burning on a moonlight-midnight schedule.

26—60 watt, 110 volt, a. c. multiple tungsten lamps, burning on a moonlight-midnight schedule.

14—40 watt, 110 volt, a. c. multiple tungsten lamps, burning on a moonlight-midnight schedule.

12—60 watt, 110 volt, a. c. multiple tungsten lamps, burning on an every-night, all-night schedule.

Flat charge of \$4,000 for all street lighting, including ornamental.

ORNAMENTAL:

64 posts in pairs; pairs spaced 125 ft.; 26 posts with 3—60 watt and 38 posts with 3—40 watt, 110 volt, a. c. multiple tungsten lamps each; top lamps burn all night, every night and side lights burn until 11 p. m. every night. For rate see above. System installed by Light and Water Commission. Maintenance and cost of current paid by city.

FOUNTAIN CITY.

(Population, 1,031.)

FOUNTAIN CITY LIGHT & POWER CO.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly bill, \$1.00 per month.

49 kw-hr. or less per month, 10 cts. per kw-hr.

50 " " over " 8 " " "

Commercial Power.

75 h. p. or over 2 cts. per kw-hr., \$1.00 per h. p. min.

30 to 75 h. p. 3 " " " 0.50 " " "

10 to 30 h. p. 5 " " " 0.50 " " "

All motors less than 10 h. p. same rate as for lighting.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

62—60 c. p., 4 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight, all-night schedule. Rate \$16 per lamp per year.

ORNAMENTAL:

None.

FOX LAKE.

(Population, 851.)

FOX LAKE LIGHT & POWER COMPANY.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly charge, \$1.00.

First 40 kw-hr. per month 16 cts. per kw-hr.

Next 160 " " " 11 " " "

Next 200 " " " 9 " " "

Next 200 " " " 8½ " " "

All over 600 kw-hr. per month 8 cts. per kw-hr.

Discount of 1 ct. per kw-hr. for payment on or before the 10th of the month.

Commercial Power.

First 200 kw-hr. per month 9 cts. per kw-hr.

Next 300 " " " 8 " " "

Next 750 " " " 7 " " "

Next 1750 " " " 6 " " "

All over 3,000 kw-hr. per month 4 cts. per kw-hr.

Discount of 1 ct. per kw-hr. for payment on or before the 10th of the month.

Minimum charge for power:

For motors of 2 h. p. and less (nominal rated capacity) a minimum charge of \$2.00 per month shall be paid, and for each motor of over 2 h. p. a minimum charge of \$1.00 per month shall be paid for each h. p. or fraction thereof of the nominal rated capacity of the motor.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

45—250 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning from dusk to midnight. Rate \$33.33 per lamp per year.

ORNAMENTAL:

None.

FRANKLIN, TOWN OF

(Milwaukee County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule, see M. L. H. & T. Co., Milwaukee, Part III.)

FREDERIC.

(Population, 511.)

FREDERIC ELECTRIC LIGHT & POWER PLANT.

Method of generation, steam and hydraulic.

Daily operating period, continuous in winter and from 7 a. m. to daylight next morning in summer.

Commercial Lighting.**METER RATES:**

Minimum monthly bill, \$1.00.
10 cts. per kw-hr.

FLAT RATES:

3—25 watt lamps, \$1.00 per month.
2—25 watt lamps \$0.75 per month.

Commercial Power.

Minimum monthly bill, \$1.00 per h. p.
Current, 6 cts. per kw-hr.

5% discount when 50 to 100 kw-hr. are used and 10% when more than 100 kw-hr. are used.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

27—40 watt, 110 volt, a. c. multiple tungsten lamps, burning all night, every night. Rate \$16.20 per lamp per year.

6—100 watt, 110 volt, a. c. multiple tungsten lamps, burning all night, every night. Rate \$33 per lamp per year.

ORNAMENTAL:

None.

FRIENDSHIP.

(Population, 276.)

FRIENDSHIP ELECTRIC LIGHT & POWER CO.

Method of generation, water power.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, 75 cts.

First 20 kw-hr. per month 15 cts. per kw-hr.

Next 20 " " " 12 " " "

All over 40 " " " 8 " " "

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

17—80 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight, all-night schedule. Rate \$25 per lamp per year.

3—250 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight, all-night schedule. Rate \$50 per lamp per year.

ORNAMENTAL:

None.

FULTON.

(Population, 200.)

JANESVILLE ELECTRIC CO.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting and Power.

(Rate schedule same as that at Janesville.)

Street Lighting.

None.

GALESVILLE.

(Population, 973.)

DAVIS MILL CO.

Method of generation, hydraulic.

Daily operating period, dusk to 11 p. m. and 5:30 a. m. to daylight.

Commercial Lighting.**METER RATES:**

Minimum charge, \$1.00 per month.

Current, 8 cts. per kw-hr.

FLAT RATES:

One 16 c. p. lamp per month, 50 cts., company to furnish all renewals and wire when lamp is installed.

Three 16 c. p. lamps per month \$1.00, customer to pay for renewals and wiring.

All over three 16 c. p. lamps on meter rate.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

78—100 watt, 220 volt, d. c. multiple tungsten lamps, burning on an every night, dusk to 11:30 p. m. schedule. Rate \$9.60 per lamp per year.

ORNAMENTAL:

17 posts in pairs; 2—100 watt, 110 volt, d. c. multiple tungsten lamps on each post; lamps burn every night until 11:30 p. m. Rate \$24 per post per year. Posts paid for by city and wiring and conduits installed by utility. Maintenance is borne by utility. City pays for service.

GAYS MILLS.

(Population, 557.)

GAY MILLS ELECTRIC PLANT.

Method of generation, hydraulic.

Daily operating period, 23 hours.

Commercial Lighting.**METER RATES:**

Minimum charge, 75 cts. per month.

Current, 10 cts. per kw-hr.

Meter rental, \$1.00 per year.

FLAT RATES:

| | |
|-----------------------------------|--------|
| 1 light, 16 c. p., per month..... | \$0.50 |
| 2 lights " " " | 0.90 |
| 3 lights " " " | 1.25 |
| 4 lights " " " | 1.60 |
| 5 lights " " " | 2.00 |
| 6 lights " " " | 2.40 |
| 7 lights " " " | 2.75 |
| 8 lights " " " | 3.10 |
| 9 lights " " " | 3.45 |
| 10 lights " " " | 3.75 |

Each additional light over ten per month 0.30

Dead lights (in rooms not regularly occupied), churches, halls, etc., when not used more than half time, per month, 15 cts.

Lights for single night of 16 c. p., per hour, 1 ct.

Lights of other than 16 c. p. in proportion.

Meters are owned by utility.

Street Lighting.

GENERAL:

50—60 c. p., 4 ampere, a. c. series tungsten lamps, burning on a moonlight dusk to 11 p. m. schedule. Rate \$12 per lamp per year.

ORNAMENTAL:

None.

GENESEE, TOWN OF.

(Waukesha County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule, see M. L. H. & T. Co., Milwaukee, Part II.)

GENEVA, TOWN OF.

(Walworth County.)

(Population, —.)

WISCONSIN GAS & ELECTRIC COMPANY.

Method of generation, current purchased.

Daily operating period, continuous.

I. Commercial Service.

A. LIGHTING.

This service shall include:

- (a) Electric energy furnished for lamps and other appliances utilized for illumination purposes, except stereopticons, moving picture machines, and photographers arc lamps.
- (b) Motors of one-fourth horse power when wound for 110 volts and of one-half horse power when wound for 220 volts and appliances other than lighting equipment where designed to limit the initial or starting current to a value not exceeding $2\frac{1}{2}$ times full load current, the aggregate rated capacity of such motors and appliances not to exceed 2 kw. when included in this class and used in connection with lighting equipment.

First 200 kw-hr. consumed per month 10 cts. per kw-hr.

Next 200 " " " " 8 " " "

" 200 " " " " 6 " " "

Excess over 600 kw-hr consumed per month 4 cts. per kw-hr.

- (1) The foregoing rate includes free renewals of company's standard lamps and renewal allowances upon tungsten or other special lamps and is subject to the company's standard prompt payment discount of 5% on the first \$25 and 1% on amounts in excess of \$25 of monthly bills paid within ten days of date of same.
- (2) To customers contracting to use and using the service for a period of one year or more, no charge will be made for installing standard service connection not exceeding one safe span. Customers purchasing service at the foregoing rate for periods of less than one year shall reimburse the company for expense of connection and disconnection.
- (3) The minimum monthly payment to be made by any customer purchasing service at the foregoing rate shall be 50 cts. for a connected load of 300 watts or less and \$1.00 for connected loads in excess of 300 watts.

B. POWER.

This service will include:

- (a) Electric energy utilized for motive and heating purposes and miscellaneous lighting service where the demand arises.

ing from miscellaneous lighting service shall not exceed 20% of the total simultaneous demand for lighting and power service.

- (b) Stereopticons, moving picture machines, photographers' arc lamps and rectifiers shall be classed as power equipment.

First 200 kw-hr. consumed during month 6 cts. per kw-hr.

Next 200 " " " " 5 " " "

Next 200 " " " " 4 " " "

Energy in excess of 600 kw-hr. consumed during month, 3 cts. per kw-hr.

- (1) The foregoing rate does not include renewals or renewal allowances of any incandescent lamps, but is subject to the company's standard prompt payment discount of 5% on the first \$25 and 1% on amounts in excess of \$25 of monthly bills paid within ten days of date of same.
- (2) To customers contracting to use and using the service for a period of one year or more, no charge will be made for installing standard service connection not exceeding one safe span. Customers purchasing service at the foregoing rate for periods of less than one year shall reimburse the company for expense of connection and disconnection.
- (3) The minimum monthly payment to be made by any customer purchasing service at foregoing rates shall be \$1.00 for an installation of 2 h. p. or less nominal rated capacity plus 75 cts. for each additional h. p. or traction thereof nominal rated capacity. (Or \$1.00 per kw. nominal rated capacity.)

II. Residence Service.

(In villages only.)

To customers contracting for residence electric service for periods of one year or more, including free renewals of the company's standard lamps, the following rates shall apply:

- (a) Primary charge of 11 cts. per kw-hr. for
 - (1) The first 4 kw-hr. consumed per month for each of the first four active rooms.
 - (2) The first 2½ kw-hr. consumed per month for each of the active rooms in excess of the first four. All rooms, except the following shall be computed as active: 3 rooms (which are primarily or may be used as bedrooms, including therein finished attic or garret rooms), bath rooms, basements, garrets, closets and back porch.
- (b) Secondary charge of 5 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate in (a), up to a total of 7 kw-hr. consumed per month per active room.
- (c) Tertiary charge of 2 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate (a) and the secondary rate (b), or for all energy consumed in excess of 7 kw-hr. per active room per month.
 - (1) The quantity of energy to be paid for at the primary rate (a) is not included in the energy computed at the secondary rate (b) or at the tertiary rate (c).
 - (2) In determining the number of active rooms, all rooms whether containing lights or not shall be counted, except the following: three rooms (which are primarily or may be used as bed rooms including therein finished attic or garret rooms), bath rooms, basements, garrets, closets and back porch.
 - (3) A room used as a children's nursery or workroom and con-

taining a couch, sometimes used as sleeping quarters, is not classed as a bed room.

- (4) Halls and hallways used and furnished as reception and living rooms and having an area in excess of 120 square feet are classed as active rooms.
- (5) A part of a room not cut off by partition and door and which is generally known as an alcove shall not be counted as an additional room unless it is furnished and used for a distinctly different purpose or its area exceeds $33\frac{1}{3}\%$ of the total area of the room and alcove.
- (6) Front, side and back porches with or without lights, are not classed as active.

Back porches are specifically excepted in rate schedules, as in many cases they are enclosed and used as a summer kitchen or dining room, and as such might be taken as a room.

- (7) Where service for a barn or garage is supplied through the same meter as that through which service for the residence is supplied, all active rooms in garage or barn are added to those of the house and the rate applied.
- (8) Where separate meters are supplied, a garage or barn shall be treated as a separate residence.
- (9) All classes of domestic heating and power consuming devices may be supplied through the meter by which lighting service is measured, in which case this rate shall apply.

Battery charging outfits, refrigerating outfits, non-portable air compressors or vacuum cleaners or similar apparatus not in use between the hours of 4:30 p. m. and 8:30 p. m. may also be supplied through the residence meter.

Motors and other power consuming devices, when connected to residence service meter, must conform to the following rule: All such motors and devices must be equipped with starting or regulating apparatus to limit automatically the initial current in starting, to amount not exceeding $2\frac{1}{2}$ times the full load current, as determined by manufacturer's rating. Motors or other devices having a rated capacity greater than $\frac{1}{2}$ kw. shall be wound for 240 volts and customer shall arrange building wiring and meter loops for three-wire service and meter.

- (10) Elevators and wireless telegraph apparatus, using service intermittently, shall not be supplied at residence rates or from residence service connections. Such apparatus must be supplied from power mains and where a special extension of power service is required customer shall pay the cost of the necessary extension in accordance with the rules of the company governing new extension of service. Customer shall contract for service for such apparatus at the company's regular power rates.

- (11) In apartment houses, each apartment shall be classed as a separate residence. The public portions of the building, such as hallways, elevator cars and enclosures, public dining rooms and kitchens, pantries, etc., connected therewith, shall be treated separately. Service for such portions of the building may be purchased under either the residence rate or the commercial lighting rate at the option of the purchaser. If service is furnished under the residence rate, the energy to be paid for monthly at the primary rate shall be computed on the basis of one active room per floor (exclusive of basement), multiplied by the number of main entrances to the building, plus the rooms

used as kitchens, building storerooms, pantries, dining rooms and offices. The active rooms in janitor's quarters, if supplied through same meter as public portions of the building, shall be added. Janitor's quarters metered separately shall be treated as a separate residence.

- (12) The residence schedule shall not be applied to any apartment house wherein the landlord or agent is billed for the entire service consumed in the building and rebills service to the occupants of the apartment. In such case service will be supplied at the commercial lighting rate schedule.
- (13) The foregoing schedule shall not be applied to customers whose practice it is to use service for a portion of the year only. Customers purchasing service for periods of less than one year will be charged a rate of 11 cts. per kw-hr. for energy consumed, subject to company's standard prompt payment discount for payment of bills within ten days from date and such customer shall pay the company the cost of connecting and disconnecting the service.
- (14) Customers occupying a portion of a business building as a residence may combine residence service with commercial lighting service through one meter. In no case, however, shall the residence rate be combined with the commercial lighting rates and residence rate cannot be applied to such combination service.
- (15) The minimum monthly charge to any residence service customer shall be 50 cts. net per month.

III. Service to Rural Customers.

(Customers located outside the limits of villages and who are engaged in farming, gardening, stock raising and dairying. Country residences are included in this class.)

Rural customers located upon existing distributing lines or who contribute to the cost of constructing extensions in accordance with the company's rules and who execute the company's standard form of rural service contract for a period of not less than two years, may purchase single phase electric service at the following rates.

(a) *Service Charge.*

\$2 per month for four or less active rooms, plus 40 cts. per month for each active room in excess of the first four.

Service charge shall include energy consumption equivalent to 7 kw-hr. per active room per month or not less than 28 kw-hr. per month.

(b) *Energy Charge.*

Two cts. per kw-hr. for all energy consumed in excess of 7 kw-hr. per active room or in excess of 28 kw-hr. in case the active rooms are less than four.

The number of active rooms shall be computed on the following basis: All rooms contained in the residence shall be counted as active, except bath room, basement, garret, closets, halls, pantry and three rooms used as bed rooms or sleeping quarters but not used for other purposes. In addition to the rooms in the residence each separate building used as a barn, stable, garage or greenhouse shall be counted as one active room. In computing the active rooms, no deduction shall be made because rooms or buildings are not wired or connected.

The foregoing rate shall apply to all energy used for household purposes, including cooking and for miscellaneous power purposes, providing the total nominal rated capacity of mo-

tors does not exceed 3 h. p. and providing the motors are not operated between sundown and eleven p. m. Service for additional motors will be supplied at the foregoing rate plus an additional charge of 50 cts. per month for each h. p. or fraction thereof in excess of 3 h. p.

The foregoing rate does not include renewals of any incandescent lamps, but is subject to the company's standard prompt payment discount of 5% on the first \$25 and 1% on amounts in excess of \$25 of monthly bills paid within ten days from date of same.

RULES CONCERNING CUSTOMER'S DEPOSITS.

1. Customers who have no established credit rating are required to furnish a financially responsible guarantor, or make a cash deposit equal in amount to two months estimated bills. Minimum deposits in all cases to be \$5.00.
2. Customers who shall have failed to make full payment to the company of all previous service bills are required to pay all such bills before service will be furnished.
3. Customers who shall have failed to make full payment to the company of all previous service bills are also required to make the cash deposit specified in rule "1."
4. Interest at the rate of 5% per annum will be paid on renewal or withdrawal of deposit.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

None.

GENOA JUNCTION.

(Population, 709.)

SOUTHERN WISCONSIN ELECTRIC CO.

Method of generation, steam and hydraulic.

Daily operating period, continuous.

PART I.

Commercial Lighting.

Primary—15 cts. net, 16 cts. gross per kw-hr. for the first 30 hours' use per month of active load.

Secondary—13 cts. net, 14 cts. gross per kw-hr. for the next 60 hours' use per month of active load.

Excess—7 cts. net, 8 cts. gross per kw-hr. for all in excess of 90 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

Class A shall include residences, dwellings, flats, rooming houses, hotels, sanitariums, hospitals, Y. M. C. A., and clubs in which meals and rooms are furnished. In this class 60 per cent of the first 500 watts connected, and 33⅓% of all in excess of 500 watts connected shall be deemed active if the connected load is equivalent to 50 watts or more per opening. If the connected load is less than 50 watts per opening, 60 per cent of the first 500 watts connected, 33⅓% of the next 1,500 watts connected, and 20 per cent of all in excess of 2,000 watts connected shall be deemed active.

Class B shall include banks, offices, stores, shops, saloons, billiard and pool halls, depots, theaters, lodge rooms, and clubs, not includable in *Class A*. In this class 70 per cent of the first 2.5 kw. connected and 55 per cent of all in excess of 2.5 kw. connected shall be deemed active.

Class C shall include public buildings, schools, churches, factories, warehouses, stables, and garages. In this class, 55 per cent of the total connected load shall be deemed active. For all lighting installations exceeding 5 kw. connected load, the active load shall, at the consumers' option, be determined by maximum demand meters. The connected load shall be represented by the total wattage of lamps connected.

Minimum Charge:

| | |
|--------------------------------|------------------|
| Under 1 kw. connected load.... | \$0.60 per month |
| From 1 to 2 kw. connected load | 0.80 per month |
| From 2 to 5 kw. connected load | 1.25 per month |
| Over 5 kw. connected load | 2.25 per month |

FLAT RATE SERVICE:

For window lighting, sign lighting and other lighting on company's patrol service or controlled by time switch set by the company:

1½ cts. per month per watt connected less 10 per cent discount if bills are paid within 10 days after date of billing.

Commercial Power.

Primary—7½ cts. net, 8½ cts. gross per kw-hr. for the first 15 hours' use per month of active load.

Secondary—5½ cts. net, 6½ cts. gross per kw-hr. for the next 30 hours' use per month of active load.

Excess—3 cts. net, 4 cts. gross per kw-hr. for all in excess of 45 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

90 per cent of the first 10 h. p. installed shall be deemed active

75 per cent of the next 20 h. p. installed shall be deemed active

60 per cent of the next 30 h. p. installed shall be deemed active

50 per cent of all over 60 h. p. installed shall be deemed active

Minimum Charge: 75 cts. per month for the first h. p. connected and 25 cts. per month for each additional h. p. connected.

For power used during off-peak hours and measured on the primary side of the power transformers, or if primary motors are used, installation to be 50 h. p. or above; regular power rate with 4 cts. per kw-hr. maximum price guarantee.

Cooking and Heating.

Primary—10 cts. net, 10½ cts. gross per kw-hr. for the first 10 kw-hr. used per month.

Secondary—2½ cts. net, 3 cts. gross per kw-hr. for all over 10 kw-hr. used per month.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Minimum Charge: \$24.00 per year up to and including 6 kw. of aggregate connected load. \$4.00 per year for each additional kw. of aggregate connected load.

City Pumping.

For off-peak service regular rate with 4 cts. per kw-hr. maximum price guarantee.

Wholesale Light and Power.

Primary Charge—\$2.40 per month per kw. of maximum demand up to and including 50 kw. \$2.00 per month per kw. of maximum demand over 50 kw.

Secondary Charge—5 cts. per kw-hr. for the first 1,000 kw-hr. used per month.

3 cts. per kw-hr. for the next 4,000 kw-hr. used per month.

1.1 cts. per kw-hr. for the next 25,000 kw-hr. used per month.

0.9 cts. per kw-hr. for all over 30,000 kw-hr. used per month.

The company shall have the right at any time to require the customer to make a reasonable deposit in advance to secure the prompt payment of bills, such deposit if requested by the customer to bear interest as provided in receipt issued by the company.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

PART II.

Rates for all year service outside village limits. See Part II of Delavan schedule.

PART III.

Rates for summer service. See Part III of Delavan schedule.

Street Lighting.**GENERAL:**

34—80 c. p., 6.6 ampere, a. c. series tungsten lamps, burning upon a midnight moonlight schedule. Rate \$24 per lamp per year.

ORNAMENTAL:

None.

GILLETT.

(Population, 610.)

GREAT NORTHERN PAIL CO.

Method of generation, steam.

Commercial Lighting.

Daily operating period, sunset to sunrise and dark days.

1 to 25 kw-hr. per month 12½ cts. per kw-hr.

26 " 50 " " " 11 " " "

51 " 100 " " " 10 " " "

101 " 200 " " " 9 " " "

201 " 300 " " " 8 " " "

Meter rent, 25 cts. per month.

Discount 10 per cent if paid at Gillett office on or before the 10th of the month.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

14—500 watt, 110 volt, a. c. multiple tungsten lamps, burning on a moonlight, all-night schedule. Rate \$60 per lamp per year.

ORNAMENTAL:

None.

GILMANTON.

(Population, 275.)

GILMANTON ROLLER MILLS.

Method of generation, water power.

Daily operating period, all night and some afternoons.

Commercial Lighting.**METER RATES:**

Minimum charge per month, \$1.00.

First 15 kw-hr. per month 13 cts. per kw-hr.

All above 15 kw-hr. per month 10 cts. per kw-hr.

FLAT RATES:

Minimum charge per month, \$1.00.

50 cts. per month for each 25 watt lamp.

Night lighting, 50 cts. per month for each 10 watt lamp.

Meters are owned by consumers.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

None.

GLENWOOD.

(Population, 954.)

GLENWOOD & DOWNING LIGHT & POWER CO.

Method of generation, steam.

Daily operating period, dusk to 12 p. m. and 5 a. m. to daylight.

Commercial Lighting.**METER RATES:**

Minimum monthly charge, \$1.00.

Current, 9 cts. per kw-hr.

FLAT RATES:

60 watt tungsten, \$1.00 per month.

40 watt tungsten \$0.75 per month.

Meters are owned by utility.

No charge for connecting building to line.

Street Lighting.**GENERAL:**

10—200 watt, 110 volt, a. c. multiple gas filled tungsten lamps, burning every night from dusk to midnight. Rate \$48 per lamp per year.

14—40 watt, 110 volt, a. c. multiple tungsten lamps, burning every night from dusk to midnight. Rate \$10.20 per lamp per year.

ORNAMENTAL:

None.

GLIDDEN.

(Population, 900.)

GLIDDEN LIGHT, POWER & WATER COMPANY.

Method of generation, gas engine.

Daily operating period, all night.

Commercial Lighting.**METER RATES:**

For all lighting service furnished residences and businesses (hereinafter specifically referred to as Classes A, B and C) including such incidental use of appliances for heating and power used on lighting circuits and passing through the same meter, and measured by a meter or meters owned and installed by the company a charge of:

Primary Rate: 10 cts. per kw-hr. for current used equivalent to or less than the first 30 hours' use per month of active connected load.

Secondary Rate: 8 cts. per kw-hr. for all additional current used equivalent to or less than the next 60 hours' use per month of active connected load.

Excess Rate: 6 cts per kw-hr for all additional current used in excess of the above 90 hours' use per month of active connected load.

Active connected load shall in each case be a fixed percentage of the total connected load of the lamps installed on the consumer's premises excluding appliances.

Class A includes residences, flats and private rooming houses. Where the total connected load is equal to or less than 500 watts nominal rated capacity, 60 per cent of such total connected load shall be deemed active; where the installation exceeds 500 watts nominal rated capacity, $3\frac{1}{4}$ per cent of such part of the total connected load over and above 500 watts shall be deemed active.

Class B includes stores, saloons, offices, banks, halls, theaters, curling rinks and all others not herein specifically provided for. In this class 70 per cent of the connected load shall be deemed active.

Class C includes churches, industrial establishments, livery stables, hotels, schools and hospitals. In this class 55 per cent of the connected load will be deemed active.

Minimum Bill: The minimum bill will be \$1.00 per month. Where the utility is unable to read meter after reasonable effort the fact will be plainly indicated on the monthly bill, the minimum charge of \$1.00 assessed and differences adjusted with the consumer when the meter is again read.

A Discount of 5 per cent will be allowed on all lighting bills if paid at the office of the company on or before the 15th day of each month following that for which service was rendered.

FLAT RATES:

| | Residence | Business |
|---|-----------|----------|
| 1, 16 c. p. lamp per month..... | \$0.50 | \$0.75 |
| 2, 16 " " " " | 0.85 | 1.35 |
| 3, 16 " " " " | 1.10 | 1.85 |
| Each 16 c. p. lamp thereafter per month:... | 0.25 | 0.50 |
| Minimum | 1.10 | 1.85 |

Commercial Power.

Minimum monthly bill \$1.00 for the first h. p. plus 50 cts. for each additional h. p. of the nominal rated capacity.

6 cts. per kw-hr. for current equal to or less than 25 kw-hr. per month per active h. p. connected.

5 cts. per kw-hr. for all current in excess of that amount.

The active connected power load shall be determined as follows:

First 10 h. p. connected 90 per cent active.

Next 20 " " 75 " " "

" 30 " " 60 " " "

All over 60 " " 50 " " "

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

73—400 c. p., 6.6 ampere a. c. series gas filled tungsten lamps, burning on a moonlight dusk to 12:30 a. m. schedule. Rate \$41.29 per lamp per year.

ORNAMENTAL:

None.

GRAFTON.

(Population, 818.)

GRAFTON LIGHT, HEAT & POWER CO.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month \$1.00, which includes meter reading.

A rate of 12 cts. per kw-hr. will be charged for all lighting, plus 15 cts. per month for meter reading.

On all bills paid before the 15th day of the same month bills are issued, a discount of 16½% will be allowed.

Commercial Power.

Minimum monthly charge, \$1.00 per h. p.

First 100 kw-hr. per month 10 cts. per kw-hr.

Next 100 " " " 8 " " "

Next 100 " " " 6 " " "

Next 100 " " " 4 " " "

All over 400 " " " 3 " " "

Discount of 10% if bill is paid before the 15th of the month following that for which service was rendered.

In all cases where bills are not paid by the first day of the next succeeding month, the company reserves the privilege of disconnecting the meter and discontinuing service.

In all cases of reconnection of meter a charge of \$2.00 will be made.

Where a meter is in a vacant house a minimum charge of \$1.00 per month will be made, unless the company be notified to remove the meter. A charge of \$2.00 will be made for reconnection.

Meters are owned by the utility.

When connecting houses to the lighting system the company will furnish feeder wires to a point 50 feet from the nearest curb, when necessary.

Street Lighting.**GENERAL:**

6—200 c. p. 6.6 ampere a. c. series tungsten lamps, burning on an every night dusk to 1 a. m. schedule. Rate \$37.50 per lamp per year.

16—100 c. p., 6.6 ampere, a. c. series tungsten lamps, same burning schedule as above. Rate \$21.50 per lamp per year.

9—80 c. p., 6.6 ampere, a. c. series tungsten lamps, same burning schedule as above. Rate \$19.50 per lamp per year.

ORNAMENTAL:

None.

GRAND RAPIDS.

(Population, 6,521.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

Minimum monthly bill, \$1.00.

Current, 10 cts. for first 20 kw-hr.; 8 cts. for all above.

Doherty rate: 3 cts. per kw-hr., 15 cts. per socket, and 45 cts. meter rental.

FLAT RATES:**Residences:**

| | | | | | | | |
|--------|----|--------|----|------|------|-----|--------|
| First | 5 | lamps, | 40 | cts. | each | per | month. |
| Second | 5 | " | 35 | " | " | " | " |
| Third | 5 | " | 30 | " | " | " | " |
| Fourth | 5 | " | 25 | " | " | " | " |
| Above | 20 | " | 20 | " | " | " | " |

Stores and other places:

Running all night, 70 cts. per month.

" until 12 p. m., 60 " " "

" " 9:30 p. m., 50 " " "

Where closing Tuesday, Wednesday and Thursday, 45 cts. per month.

Office rates, 35 cts. per month when lights are used during the whole year.

Flat rates for society halls, 25 cts. per month.

Commercial Power.

5 cts. for first 200 kw-hr. and 3 cts. for all above.

Minimum charge, \$1.00 per month.

A 20% cash discount is allowed on all light and power bills paid on or before the 12th of each month.

Cooking rate of 3 cts. per kw-hr.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

40—400 c. p., 7.5 ampere, a. c. series gas filled tungsten lamps, burning on an all-night moonlight schedule. Rate \$60 per lamp per year.

49—250 c. p., 7.5 ampere, a. c. series gas filled tungsten lamps, burning on an all-night moonlight schedule. Rate \$47.52 per lamp per year.

33—60 c. p., 7.5 ampere, a. c. series gas filled tungsten lamps, burning on an all-night moonlight schedule. Rate \$19.00 per lamp per year.

ORNAMENTAL:

None.

GRANTSBURG.

(Population, 721.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, dusk to 11:30 p. m. and 5 a. m. to daylight.

Commercial Lighting.**METER RATES:**

Per kw-hr. 10 cts.

Minimum charge per month 75 "

FLAT RATES:

Business Places: Per month.

Hardware and general merchandise stores..... 50 cts.

Confectionery stores 50 "

Drug stores 50 "

Stationery stores 50 "

Saloons 50 "

Restaurants 50 "

Bowling alleys 50 "

| | | |
|------------------------------------|----|---|
| Telephone offices | 50 | " |
| Hotel offices | 50 | " |
| Livery barns | 50 | " |
| Barber shops | 50 | " |
| Meat markets | 50 | " |
| Flour and feed stores | 35 | " |
| Lodge rooms | 25 | " |
| Churches | 15 | " |
| Theaters and opera houses | 25 | " |
| Flour mills | 50 | " |
| Court house | 20 | " |
| Sheriff's residence and jail | 35 | " |
| Porch lights | 50 | " |
| Banks and depots | 35 | " |
| Private offices | 35 | " |
| Private barns, 8 c. p. | 20 | " |
| Private barns, 16 c. p. | 35 | " |
| Potato warehouse, 8 c. p. | 20 | " |
| Potato warehouse, 16 c. p. | 35 | " |

Residences:

| | | | |
|-------------------------|---|--------------|---------|
| (a) Kitchens, dining | } | 8 c. p..... | 20 cts. |
| rooms, sitting rooms | | 16 c. p..... | 35 " |
| parlor and halls | | | |
| (b) Bed rooms, cellars, | } | 8 c. p..... | 20 " |
| closets and bath rooms | | 16 c. p..... | 35 " |

When 16 c. p. rates are 50 cts., 35 cts. and 25 cts., 8 c. p. and 10 c. p. rates will be 30 cts., 20 cts., and 15 cts., respectively. The 24 and 32 c. p. will be 75% more than the 16 c. p. lights.

A deposit of \$2.00 is required from new consumers.

Commercial Power.

10 cts. per kw-hr.

Minimum charge, 75 cts. per month

A penalty of 10% will be added to all bills not paid by the 15th of the month.

Meters are owned by consumers.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

30—60 watt, 220 volt, d. c. multiple tungsten lamps, burning on a midnight moonlight schedule.

16—40 watt, 220 volt, d. c. multiple tungsten lamps, burning on a midnight moonlight schedule.

Flat charge of \$780 per year for all street lighting.

ORNAMENTAL:

None.

GRANVILLE, TOWN OF.**WISCONSIN GAS & ELECTRIC CO.**

Method of generation, current purchased.

Daily operating period, continuous.

A. COMMERCIAL LIGHTING RATES.

1. To customers contracting for commercial lighting service for periods of one year or more, the following rates shall apply:

| | |
|-----------------------------------|--------------------|
| First 100 kw-hr. during any month | 12 cts. per kw-hr. |
| Next 100 " " " " | 10 " " " |
| Next 100 " " " " | 8 " " " |
| Next 300 " " " " | 6 " " " |
| All over 600 " " " " | 4 " " " |
2. The foregoing rates are subject to prompt payment discount and include free renewals of company's standard carbon filament lamps and renewal allowances on tungsten or other special lamps.
3. A minimum monthly bill shall be charged of \$1.00 to cover such expenses occasioned by the individual customer, as billing, inspecting and maintaining meter, etc.
4. Commercial lighting service shall include:
 - (a) Electric energy furnished for lamps and other appliances utilized for illumination purposes, except as hereinafter specifically exempted.
 - (b) Motors and appliances other than lighting equipment where provided with a starting apparatus designed to limit the initial or starting current to a value not exceeding two and one-half times the full load current, alternating current motors of one-quarter h. p. when wound for 110 volts and of one-half h. p. when wound for 220 volts, the aggregate rated capacity of such appliances not to exceed two kw., when used in connection with lighting equipment and when the connected load of such motors and appliances does not exceed the aggregate rated capacity of lighting equipment.

B. COMMERCIAL POWER RATES

1. To customers contracting for commercial power service for periods of one year or more, the following rates shall apply:

| | |
|-----------------------------------|-------------------|
| First 100 kw-hr. during any month | 8 cts. per kw-hr. |
| Next 100 " " " " | 6 " " " |
| Next 100 " " " " | 5 " " " |
| Next 300 " " " " | 4 " " " |
| Next 1400 " " " " | 3 " " " |
| All over 2000 " " " " | 2 " " " |
2. The foregoing rates for power do not include renewals of any incandescent lamps.
3. A minimum monthly bill for power shall be charged of \$1.50 for an installation of 2 h. p. or less nominal rated capacity, plus \$0.75 for each additional h. p. or fraction thereof (or \$1.00 per kw.) nominal rated capacity.
4. Commercial power service shall include:
 - (a) Electric energy utilized for motive and heating purposes and miscellaneous lighting service where the demand arising from such miscellaneous lighting service shall not be in excess of 20% of the total simultaneous demand for lighting and power service.
 - (b) Stereopticons, moving picture machines, photographers' arc lamps and rectifiers.

C. RESIDENCE LIGHTING RATES

To customers contracting for residence electric service with free renewals of company's standard lamps for periods of one year or more, the following rates shall apply:

- (a) *Primary charge* of 12 cts. per kw-hr. for
1. The first 4 kw-hr. consumed per month for each of the first four active rooms;
 2. The first $2\frac{1}{2}$ kw-hr. consumed per month for each of the active rooms in excess of the first four.
- (b) *Secondary charge* of 5 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate in (a) up to a total of 7 kw-hr. consumed per month per active room.
- (c) *Tertiary charge* of 2 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate (a) and the secondary rate (b) or for all energy consumed in excess of 7 kw-hr. per active room per month.
1. The quantity of energy paid for at the primary rate (a) is not included in the energy computed at the secondary rate (b) or at the tertiary rate (c).
 2. In determining the number of active rooms, all rooms whether containing lights or not shall be counted, except the following: three rooms (which are primarily or may be used as bed rooms, including therein finished attic or garret rooms), bathrooms, basements, garrets, closets and porches.
 3. A room used as a children's nursery or work room and containing a couch sometimes used as sleeping quarters is not classed as a bedroom.
 4. Halls and hallways used and furnished as living rooms and having an area in excess of 120 square feet are classed as active rooms.
 5. A part of a room not cut off by partition and door, which is generally known as an alcove, shall not be counted as an additional active room unless it is furnished and used for a distinctly different purpose or its area exceeds $33\frac{1}{3}\%$ of the total area of the room and alcove.
 6. Front, side and back porches with or without lights are not classed as active. Back porches are specifically excepted in rate schedules, as in many cases they are enclosed and used as a summer kitchen, or dining room, and as such might be taken as a room.
 7. Where service for a barn or garage is supplied through the same meter as that through which service for the residence is supplied, all active rooms in garage or barn are added to those of the house and the rate applied.
 8. Where separate meters are supplied, a garage or barn shall be treated as a separate residence.
 9. All classes of domestic heating and power consuming devices may be supplied through the meter by which the lighting service is measured, in which case this rate shall apply.
- Battery charging outfits, refrigerating outfits, non-portable air compressors or vacuum cleaners, or similar apparatus not in use between the hours of 4:30 p. m. and 8:30 p. m., may be supplied through the residence meter.
- Motors and other power consuming devices, when connected to residence service meter, must conform to the following rules:
- All such motors and devices must be equipped with starting and regulating apparatus to limit automatically the initial current in starting to an amount not exceeding $2\frac{1}{2}$ times the full load current as determined by man-

ufacturer's rating. Motors or other devices having a rated capacity greater than $\frac{1}{2}$ kw. shall be wound for 240 volts and customer shall arrange building wiring and meter loops for three-wire service and meter.

10. Elevators and wireless telegraph apparatus using service intermittently shall not be supplied at residence rates or from residence service connection. Such apparatus must be supplied from power mains and where a special extension of power service is required, customer shall pay the cost of the necessary extension in accordance with the rules of the company, governing such extension of service. Customer shall contract for service for such apparatus at the company's power rates.
11. In apartment houses, each apartment shall be classed as a separate residence. The public portions of the building, such as hallways, elevators and enclosures, public dining rooms and kitchens, pantries, etc., connected therewith shall be treated separately. Service for such portions of the building may be purchased either under the residence rates (C) or the increment commercial lighting rates (A), at the option of the purchaser. If service is furnished at the residence rate (C) the energy charge to be paid for monthly at the primary rate shall be computed upon the basis of one active room per floor (exclusive of basement), multiplied by the number of main entrances to the building, plus the rooms used as kitchens, building storerooms, pantries, dining rooms and offices. The active rooms in janitor's quarters, if supplied through the same meter as public portions of the building, shall be added. Janitor's quarters metered separately shall be treated as a separate residence.
12. The residence schedule shall not be applied to any apartment house wherein the landlord or agent is billed for the entire service consumed in the building and rebills the service to the occupants of the apartments. In such cases, the increment lighting rate (A) shall be used.
13. The residence schedule shall not be applied to customers whose practice it is to have service cut off during the summer months. It shall be applied to only those who sign contracts providing for service by the year and who pay at least the minimum monthly payment provided for in the contract. When company is unable to read meters for any month or months, the quantity of energy to be paid for monthly at the primary rate shall be increased pro rata.
14. Customers occupying a portion of a business building as a residence may combine residence service with commercial lighting service through one meter. In no case, however, shall the residence rate be combined with the commercial lighting rate and residence rates cannot be applied to such combination service.
15. The minimum charge for residence lighting service shall be \$1.00 per month.

D. DISCOUNT FOR PROMPT PAYMENT

1. On bills paid at the office of company or its authorized collection agencies within ten days of date of bill, a discount of 5% of the first \$25.00 of all bills and 1% on amounts in excess of \$25.00 will be given.

2. On bills for electric service supplied to the federal, county and city governments, paid at the office of the company, or its authorized collection agencies, within 60 days of date of bill, the prompt payment discount provided for in the contract under which such service is sold, will be allowed.

E. RENEWALS OF STANDARD INCANDESCENT LAMPS

1. To entitle customers to free renewals of company's standard carbon filament incandescent lamps or to allowances on the renewals of tungsten or other special lamps, the first installation of such lamps or any increase thereof, shall be purchased from the company by the customer at the company's published prices.
2. Company will sell incandescent lamps to its electric service customers only, in accordance with the schedule filed with the railroad commission.

F. RURAL SERVICE

Rural customers are defined as customers located outside of the limits of cities and villages and who are engaged in farming, gardening, stock raising and dairying. This rate is optional for country residences.

Rural customers located upon existing distributing lines or who contribute to the cost of constructing extensions in accordance with the company's rules and who execute the company's standard form of rural service contract for a period of not less than two years may purchase single phase electric service at the following rates:

(a) SERVICE CHARGE:

Two dollars per month for four or less active rooms, plus 40 cts. per month for each active room in excess of the first four.

Service charge shall include energy consumption equivalent to 7 kw-hr. per active room per month of not less than 28 kw-hr. per month.

(b) ENERGY CHARGE:

Two cents per kw-hr. for all energy consumed in excess of 7 kw-hr. per active room or in excess of 28 kw-hr., in case the active rooms are less than four.

The number of active rooms shall be computed on the following basis: All rooms contained in the residence shall be counted as active, except bathrooms, basements, garrets, closets, halls, pantry and three rooms used as bedrooms or sleeping quarters but not used for other purposes. In addition to the rooms in the residence, each separate building used as a barn, stable, garage or greenhouse shall be counted as one active room. In computing the active rooms, no deduction shall be made because rooms or buildings are not wired or connected.

The foregoing rate shall apply to all energy used for household purposes, including cooking, and for miscellaneous power purposes, providing the total nominal rated capacity of motors does not exceed three horse power, and providing the motors are not operated between sundown and 11 p. m. Service for additional motors will be supplied at the foregoing rate plus an additional charge of 50 cts. per month for each h. p. or fraction thereof in excess of 3 h. p.

The foregoing rate does not include renewals of any incandescent lamps, but is subject to the company's standard prompt payment discount of 5% on the first \$25.00 and 1% on amounts in excess of \$25 of monthly bills paid within ten days from date of same.

GREEN BAY.

(Population, 25,236.)

WISCONSIN PUBLIC SERVICE COMPANY.

Method of generation, water power, steam reserve.

Daily operating period, continuous.

Commercial Lighting.

All commercial lighting rates given below are discounted 10% when bill is paid within 10 days of date.

SCHEDULE A.**ORDINARY RATE:**

| | | | |
|---|---|------|-----------------|
| First 24 kw-hr. per month | @ | 12 | cts. per kw-hr. |
| Next 16 " " " " | @ | 11.4 | " " " |
| For the next 160 kw-hr. per month..... | @ | 7 | " " " |
| For the next 100 " " " " | @ | 6 | " " " |
| For the next 400 " " " " | @ | 5 | " " " |
| For the next 300 " " " " | @ | 4 | " " " |
| For the next 300 " " " " | @ | 3 | " " " |
| All over 1300 " " " " | @ | 2.5 | " " " |
| Minimum monthly charge per meter, \$1.00. | | | |

SCHEDULE B.**READINESS TO SERVE RATE, OPTIONAL:**

\$1.00 per month service charge plus 15 cts. per month for each active connected lighting unit of 50 watts capacity, or the equivalent thereof, plus 4 cts. per kw-hr. for all current consumed by the connected units, whether active or inactive. Minimum monthly charge per meter \$1.00. Subject to the following classifications of active and inactive lights:

Residences lighted exclusively by electricity: Active lights, main hall, main stairway, parlors, library, dining room, living room, kitchen, den, music room, conservatory, butler's pantry, and one light on second floor. All other lights inactive. Active lights not to exceed 75 per cent of total installation. Residences and flats occupied by more than one family, each floor used for living rooms: Classification same as residences lighted exclusively by electricity.

Residences not included in the above: All lights active.

Hotels, clubs, boarding houses: classification same as for residences except lights connected and used in: buffets, bars, bowling alleys, billiard rooms, card rooms, lobbies, main halls, corridor on each floor, wash rooms, and lavatories, which shall be deemed active lights.

Auditoriums, dance halls, opera houses, lodge rooms, churches, and factories closing at 6 p. m., one-half the connected load shall be deemed active.

Retail and wholesale mercantile establishments, saloons, restaurants, factories not closing at 6 p. m., depots, and other consumers not herein specifically provided for: All lights shall be deemed active.

SCHEDULE C.**SPECIAL LIGHTING RATE:**

For show windows, signs, etc., where current is turned on at dusk and off at 11 p. m. or later by company's patrolmen:

A monthly charge, equivalent to the watts consumed by the installation in the $4\frac{1}{2}$ hours or longer operation, multiplied by the number of days operated, at the rate of 6.6 cts. per kw-hr.

Commercial Power.**SCHEDULE "A"****ORDINARY RATE:**

10 cts. per kw-hr. subject to the following discounts:

| On monthly bills from | 25 to | 49 kw-hr. | 5% discount |
|-----------------------|----------------|-----------|-------------|
| " | 50 " | 99 " | 10% " |
| " | 100 " | 199 " | 15% " |
| " | 200 " | 299 " | 20% " |
| " | 300 " | 499 " | 25% " |
| " | 500 " | 699 " | 30% " |
| " | 700 " | 999 " | 35% " |
| " | 1,000 " | 1,099 " | 40% " |
| " | 1,100 " | 1,199 " | 45% " |
| " | 1,200 " | 1,499 " | 50% " |
| " | 1,500 " | 1,799 " | 55% " |
| " | 1,800 " | 1,999 " | 60% " |
| " | 2,000 and over | | 65% " |

For each motor of 2 h. p. and less (nominal rated capacity) a minimum charge of \$2.00 per month shall be paid; and for each motor over 2 h. p. a minimum charge of \$1.00 per month shall be paid for each h. p. or fraction thereof, of the nominal rated capacity of the motor.

SCHEDULE "B"**OPTIONAL "READINESS-TO-SERVE" POWER RATE:**

Extended only to customers signing contract to use electric power for one year at following rates: \$1.00 per month per h. p. connected, plus 3 cts. per kw-hr. for all current consumed. Minimum charge, \$2.00 per consumer per month.

When two or more motors are used by one consumer and connected to one meter, the readiness-to-serve charge will be based on the h. p. demanded, and the highest 15 minute peak during the month will be used to determine demand charge.

10% discount on above rates if bill is paid within 10 days of date. These rates apply also to service taken from trolley lines.

SCHEDULE "C"

Rates for Installation of from 40 to 200 h. p. Under Contract for a Term of Not Less than Two Years.

| |
|--|
| Less than 50 hours' monthly use of maximum demand, 3 cts. per kw-hr. |
| 50 to 100 hours' monthly use of maximum demand, 2.5 cts. per kw-hr. |
| 100 to 200 hours' monthly use of maximum demand, 2 cts. per kw-hr. |
| 200 to 300 hours' monthly use of maximum demand, 1.5 cts. per kw-hr. |
| 300 to 400 hours' monthly use of maximum demand, 1.3 cts. per kw-hr. |
| 400 to 500 hours' monthly use of maximum demand, 1.2 cts. per kw-hr. |
| 500 to 600 hours' monthly use of maximum demand, 1.1 cts. per kw-hr. |

600 to 700 hours' monthly use of maximum demand 1.0 cts. per kw-hr.
700 and above hours' monthly use of maximum demand 0.9 cts. per kw-hr.

SCHEDULE "D."

Rates for Installation of 200 h. p. and over Under Contract for a Term of Not Less than Two Years.

Less than 50 hours' monthly use of maximum demand, 3 cts. per kw-hr.
50 to 100 hours' monthly use of maximum demand, 2 cts. per kw-hr.
100 to 200 hours' monthly use of maximum demand, 1.5 cts. per kw-hr.
200 to 300 hours' monthly use of maximum demand 1.3 cts. per kw-hr.
300 to 400 hours' monthly use of maximum demand, 1.2 cts. per kw-hr.
400 to 500 hours' monthly use of maximum demand, 1.1 cts. per kw-hr.
500 to 600 hours' monthly use of maximum demand, 1 ct. per kw-hr.
600 to 700 hours' monthly use of maximum demand 0.9 cts. per kw-hr.
700 and above hours' monthly use of maximum demand, 0.8 cts. per kw-hr.

The following rules to govern when current for power is used under the rates prescribed in the above two tables: Maximum demand to be the maximum load thrown on the power company's system continuously for a period of one-half hour. This maximum demand to be determined from time to time by tests with curve-drawing watt-meter or other suitable instruments.
A minimum charge of 50 cts. per h. p. installed shall be paid by the customer for each month that the actual consumption of current at above schedule of rates shall produce a less total amount.

SCHEDULE "E"

Battery Charging rate $5\frac{1}{2}$ cts. less 10% if paid within 10 days of date: customer to obtain this rate must not use current for this purpose between the hours of 4 and 11 p. m.

SCHEDULE "F"

Rate for X-Ray Machines:

12 cts. per kw-hr. subject to a minimum bill of 50 cts. per month per kw. of transformer capacity required.
For reconnection of the same consumer on the same premises a charge of \$1.00 per meter will be made.
Meters are owned by utility.
No charge is made for connecting consumer's premises with lines.

GREENFIELD, TOWN OF.

(Milwaukee County.)

MILWAUKEE LIGHT, HEAT & TRACTION COMPANY.

(For rate schedule see, M. L. H. & T. Co., Milwaukee, Parts I and III.)

GREEN LAKE.

(Population, 563.)

GREEN LAKE ELECTRIC COMPANY.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$1.10 gross or \$1.00 net.

For all lighting service furnished residences and business places (hereinafter specifically referred to as Classes A, B, C, D, and E), measured by a meter or meters owned and installed by the company, a charge of

Primary Rate. 16 cts. net or 17 cts. gross per kw-hr. for current used equivalent to or less than the first 60 hours' use per month of active connected load.

Secondary Rate. 12 cts. net or 13 cts. gross per kw-hr. for current used equivalent to or less than the next 40 hours' use per month of active connected load.

Excess Rate. 10 cts. net or 11 cts. gross per kw-hr. for all current used in excess of the above 100 hours' use per month of active connected load.

Active connected load shall in each case be a fixed percentage of the total connected load installed upon the consumer's premises.

Class A. In residences and dwellings (not used as boarding and rooming houses) where the total connected load is equal to or less than 1,000 watts nominal rated capacity, 50% of such total connected load is deemed active; where the total connected load exceeds 1,000 watts, nominal rated capacity, 40% of such a part of the total connected load over and above 1,000 watts is deemed active in addition thereto; but no active connected load shall be considered as less than 300 watts, except where the total connected load is equal to or less than 300 watts the active connected load is considered as the total connected load.

Class B. In boarding and rooming houses, hotels, livery stables, garages, industrial establishments, churches and schools, where the total connected load is equal to or less than 1,000 watts nominal rated capacity, 60% of such total connected load is deemed active; where the total connected load exceeds 1,000 watts nominal rated capacity, 50% of such part of the total connected load over and above 1,000 watts is deemed active in addition thereto; but no active connected load shall be considered as less than 400 watts, except where the total connected load is equal to or less than 400 watts the active connected load is considered as the total connected load.

Class C. In stores, offices, county buildings (except sheriff's residences if on separate meter), club rooms, society rooms, banks, theaters, saloons, and depot, where the total connected load is equal to or less than 1,000 watts nominal rated capacity, 75% of such total connected load is deemed active; where the total connected load exceeds 1,000 watts nominal rated capacity, 60% of such part of the total connected load over and above 1,000 watts is deemed active in addition thereto; but no active connected load shall be considered as less than 500 watts, except where the total actual connected load is equal to or less than 500 watts, then the active connected load is considered as the total connected load.

Class D. In summer residences, summer hotels and summer re-

sorts, where the total connected load is equal to or less than 2,500 watts nominal rated capacity, 60% of the total connected load is deemed active; where the total connected load exceeds 2,500 watts nominal rated capacity, 40% of such a part of the total connected load over and above 2,500 watts is deemed active in addition thereto; but no active connected load shall be considered as less than 1,000 watts. Where the total connected load is equal to or less than 1,000 watts nominal rated capacity, and service for such connected load is to be supplied for a period of six months or less, the active connected load shall be 100% of the total connected load; and no bills shall be issued for current consumed by such service at a less rate than the primary rate of 17 cts. gross or 16 cts. net per kw-hr. For electrical service rendered under this class there will be a minimum yearly charge of \$13.20 gross or \$12.00 net, payable in 12 equal monthly installments.

Class E. All signs, festoons, street decorating and street lighting and harbor lighting, 100% of the total connected load shall be considered active.

Consumers are billed for current consumed at the gross rates and the difference between the gross and net rates above specified, or 1 ct. per kw-hr. constitutes a discount for prompt payment, as explained below.

No discount will be allowed after the 10th day of the month following the last date of the meter reading.

Where the company is unable to read the meter after reasonable effort this fact will be plainly indicated upon the monthly bill and the minimum monthly charge will be assessed and differences adjusted with the consumer when the meter is again read.

Where one meter is required by a consumer to register the amount of current used for more than one of the above classes, the company reserves the right to determine under which class the service shall be considered.

Where bills are overdue more than 30 days, service may be discontinued, and a charge of not less than \$1.00 will be made for reconnecting the meter upon the same premises for the same consumer.

Commercial Power.

METER RATES:

11 cts. gross or 10 cts. net for the first 60 hours' use per month of the active horse power capacity.

9 cts. gross or 8 cts. net for all current used in excess of the first 60 hours' use per month of the active horse power capacity.

Active horse power shall consist of a fixed percentage of the nominal rated capacity of the motors or appliances, as indicated on the manufacturer's name plate, or otherwise arrived at by the proper testing apparatus.

The following percentages of such capacity shall be deemed active:

Where the installation through one meter is:

| | | |
|--|-----|----------|
| Less than 3 h. p. | 100 | per cent |
| 3 h. p. to 10 h. p., (one motor only) | 85 | " " |
| 3 h. p. to 10 h. p., (more than one motor) .. | 75 | " " |
| 10 h. p. to 50 h. p., (more than one motor) .. | 65 | " " |
| 50 h. p. and over (more than one motor) .. | 55 | " " |

The minimum charges shall be:

For 1 h. p. or less (3 wire motor), \$1.65 gross or \$1.50 net per month.

From 1 h. p. to 3 h. p. (3 wire motor), \$2.20 gross or \$2.00 net per month.

For each h. p. or fraction thereof over 3 h. p. rated capacity, 50 cts. per month in addition thereto.

No single phase motor of more than 1 h. p. will be permitted to be connected to the utility's lines without the company's written permission.

Where the company is unable to read the meter after reasonable effort this fact will be plainly indicated upon the monthly bill and the minimum charges assessed and differences adjusted when the meter is again read.

Consumers are billed for current consumed at the gross rates and the difference between the gross and net rates above specified, or 1 ct. per kw-hr., constitutes a discount for prompt payment. as explained below.

No discount will be allowed after the 10th day of the month following the last date of the meter reading.

The same regulations govern power consumers as is applied to "Commercial Lighting" consumers.

The reconnection charge of a 3 wire meter is \$2.00.

To power consumers, whose total power installation or connected load exceeds 10 kw., a special meter rate of 8 cts. per kw-hr. for all current consumed will be given, provided they will agree to disconnect their power service wires from the utility's lines within ten minutes after notification to do so from the utility's office.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with electric lines if distance is 100 feet or less. Consumer pays actual cost of excess.

Street Lighting.

GENERAL:

28—100 c. p., 6.6 ampere a. c. series gas filled tungsten lamps, burning on a moonlight midnight schedule. Current, 12 cts. net and 13 cts. gross per kw-hr.

ORNAMENTAL:

None.

GREENWOOD.

(Population, 665.)

MUNICIPAL PLANT.

Method of generation, hydraulic and oil engine.

Daily operating period, continuous.

Commercial Lighting.

METER RATES:

Minimum monthly charge 40 cts.

10 cts. per kw-hr.

FLAT RATES:

One outlet per light \$0.40 per month. If more than one outlet service will be metered.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

22—100 watt, 220 volt, a. c. multiple tungsten lamps, burning on an all-night moonlight schedule.

76—60 watt, 220 volt, a. c. multiple tungsten lamps, burning on an all-night moonlight schedule.

Flat charge of \$1,200 per year for all street lighting.

ORNAMENTAL:

None.

GRESHAM.

(Population, 350.)

GRESHAM ELECTRIC LIGHT & POWER CO.

Method of generation, hydraulic.

Daily operating period, dusk to 12 p. m. and 5 a. m. to dawn.

Commercial Lighting.

Current, 10 cts. per kw-hr.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

5—100 c. p., 6.6 ampere, a. c. series tungsten lamps, burning on an every-night midnight schedule. Flat charge of \$306 per year.

ORNAMENTAL:

None.

HALES CORNERS.

(Population, 475.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For commercial rate schedule see M. L. H. & T. Co., Milwaukee, Part I.)

Street Lighting.

None.

HAMMOND.

(Population, 408.)

BURKHARDT MILLING & ELECTRIC POWER CO.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.

Current, 12½ cts. per kw-hr.

Minimum monthly charge, 1.00 per month with a 20% discount if paid before the first of the month.

Discounts, if bills are paid by the first of the month:

| | |
|-----------------------------------|-----|
| Monthly bills up to 40 kw-hr..... | 20% |
| “ “ 40 to 80 “ | 25% |
| “ “ 60 to 100 “ | 30% |
| “ “ 100 to 150 “ | 35% |
| “ “ 150 or over | 40% |

Cooking Rate:

Minimum charge per month, 75 cts.

Current, 3 cts. per kw-hr. with a discount of 10% if bill is paid within 10 days from date.

Commercial Power.

Minimum monthly charge:

\$1.35 for the first h. p.

\$1.00 per h. p. for each additional h. p.

Current, 5 cts. per kw-hr.

Discounts:

| | |
|--|-----|
| For motors using 50 kw-hr. per month per h. p..... | 20% |
| “ “ “ 75 kw-hr. per month per h. p..... | 30% |
| “ “ “ 100 kw-hr. per month per h. p..... | 40% |
| “ “ “ 150 kw-hr. per month per h. p..... | 50% |

Where service has been discontinued a charge of \$1.00 is made for reconnection.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Rural Service.

Current, 10 cts. per kw-hr.

Discounts if bills are paid by the 10th of the month:

| | |
|-----------------------------------|-----|
| Monthly bills up to 40 kw-hr..... | 20% |
| “ “ 40 to 60 “ | 25% |
| “ “ 60 to 100 “ | 30% |
| “ “ 100 to 150 “ | 35% |
| “ “ 150 kw-hr. or over | 40% |

Minimum charge of \$3.13 per month for electric lights and appliances, including one one-horse power motor, and \$1.25 per month for each additional horse power. 20% discount if paid before the 10th of the month.

Rates for Motors Used for Silo Fillers:

30 cts. per h. p. per day.

All motors of 15 h. p. and larger to be three phase.

Customers required to build their own lines to company's power line and furnish all apparatus except meters.

Street Lighting.**GENERAL:**

3—100 watt, 110 volt, a. c. multiple tungsten lamps, burning on an every night dusk to midnight schedule. Rate \$18 per lamp per year.

ORNAMENTAL:

None.

HANCOCK.

(Population, 510.)

HANCOCK LIGHT AND POWER CO.

Method of generation, gasoline.

Daily operating period, dusk to midnight.

Commercial Lighting.

Minimum charge per month, \$0.50.

First 75 kw-hr. per month 15 cts. per kw-hr.

Next 100 kw-hr. per month 12 cts. per kw-hr.

All in excess of 175 kw-hr. per month, 10 cts. per kw-hr.

A penalty of 15% will be added to all bills not paid on or before the 15th of the month following that for which service was rendered.

A charge of \$1.50 is made for reconnecting same consumer on the same premises.

Meters are owned by utility.

Where a consumer can be connected for service without setting poles upon his premises the connection is made at the expense of the utility, where poles are required on premises, consumer pays for extra material.

Street Lighting.**GENERAL:**

12—220 watt, 110 volt, d. c. multiple tungsten lamps, burning on a moonlight midnight schedule. Rate \$60 per lamp per year.

ORNAMENTAL:

None.

HARRISVILLE.

(Population, —.)

MONTELLO & HARRISVILLE ELECTRIC LIGHT & POWER CO.

(See Montello for commercial rate schedule.)

Street Lighting.

None.

HARTFORD.

(Population, 2,982.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous except Sunday.

Commercial Lighting.

Minimum yearly charge, \$6.00.

Current, 10 cts. per kw-hr.

Discount on bills from \$5.00 to \$10.00, 10%; bills over \$10.00, 20%.

Commercial Power.

Minimum yearly charge, \$6.00.

Current, 5 cts. per kw-hr.

Discount on bills from \$5.00 to \$10.00, 10%; bills over \$10.00, 20%.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

50—6.6 ampere, a. c. series carbon arc lamps, burning on a moon-light dusk to 1 a. m. schedule. Rate \$40 per lamp per year.

10—6.6 ampere, a. c. series gas filled tungsten lamps, operated on same circuit as arcs, burning on same schedule. Rate \$40 per lamp per year.

ORNAMENTAL:

30 posts, 10 posts to block in pairs; 5—100 watt gas filled tungsten lamps on each post; top light on each post burns all night and side lights burn until 10 p. m. System installed by utility. System just installed and rates have not yet been established. City will pay for service and utility will maintain system.

HARTLAND.

(Population, —.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For commercial rate schedule, see M. L. H. & T. Co., Milwaukee, Part II.)

Street Lighting.

None.

HAYWARD.

(Population, —.)

HAYWARD ELECTRIC LIGHT & POWER CO.

Method of generation, hydraulic.

Daily operating period, dusk to dawn.

Commercial Lighting.**METER RATES:**

Minimum charge per month, \$1.00.

Business places, residences, etc., regular lighting, 12 cts. per kw-hr.

Churches, halls, lodges, etc., irregular lighting, 15 cts. per kw-hr.

For quantity consumed the following discounts will be allowed:

| | | | |
|-------|--------------------------|-----------|-------------|
| First | \$5.00 | ..... | No discount |
| Next | 5.00 or fraction thereof | ..... | 5% " |
| " | 10.00 | " " | 10% " |
| " | 10.00 | " " | 15% " |
| " | 10.00 | " " | 20% " |
| " | 10.00 | " " | 25% " |
| " | 25.00 | " " | 30% " |
| " | 25.00 | " " | 35% " |
| " | 25.00 | " " | 40% " |
| " | 25.00 | " " | 45% " |
| Over | 150.00 | ..... | 50% " |

5% cash discount allowed for all of above rates if bills are paid within ten days.

A deposit of from \$2.00 to \$10.00 which will bear interest at 6% may be required to secure payment of bills.

FLAT RATES:

Stores, 11 o'clock service.

| | | | |
|----------|-----------------|-------|--------------------------|
| 1 or 2 | 16 c. p. lights | ..... | \$1.00 per month. |
| 3 to 10 | " " | ..... | .45 per light per month. |
| 11 to 15 | " " | ..... | .425 " " |
| 16 to 30 | " " | ..... | .40 " " |
| 31 | " " and over | .35 | " " |

Hotels, 12 o'clock service.

| | | | |
|----------|-----------------|-------|-----------------------------|
| 1 to 10 | 16 c. p. lights | ..... | \$0.45 per light per month. |
| 11 to 40 | " " | ..... | .375 " " |
| 40 | " " and over | .35 | " " |

Saloons, 11 o'clock service.

| | | | |
|---------|-----------------|-------|-----------------------------|
| 2 to 5 | 16 c. p. lights | ..... | \$0.50 per light per month. |
| 6 to 14 | " " | ..... | .45 " " |
| 15 | " " and over | .40 | " " |

Residences, 12 o'clock service.

| | | | |
|----------|-----------------|-------|--------------------------|
| 1 or 2 | 16 c. p. lights | ..... | \$1.00 per month. |
| 3 to 5 | " " | ..... | .45 per light per month. |
| 6 to 15 | " " | ..... | .40 " " |
| 16 to 30 | " " | ..... | .375 " " |
| 30 | " " and over | .35 | " " |

Arc Lights.

| | | |
|-------------------|-------|-------------------|
| 9 o'clock service | ..... | \$3.00 per month. |
| 11 " " | ..... | 5.00 " " |
| 12 " " | ..... | 6.00 " " |
| All night | " " | 7.50 " " |

Schools.

10 cts. per light per month during school months.

Depots.

30 cts. per light per month.

Lodge Halls.

25 cts. per light per month.

Warehouses, Barns and Outhouses.

25 cts. per light per month if owners have lights in residences.

Churches and Libraries.

10 cts. per light per month.

Picture Shows, Town Halls, Club Rooms, Bowling Alleys, Offices and Workshops—Same rate as stores.

Jails.

| | | | |
|----------|-----------------|-------|------------------------------|
| 2 to 10 | 16 c. p. lights | ..... | \$0.375 per light per month. |
| 11 to 20 | " " | ..... | .35 " " |
| 21 to 30 | " " | ..... | .425 " " |
| 30 | " " and over | .25 | " " |

*Court Rooms and Opera House.**\$1.50 per night when in use only.**Post Office.**25 cts. per light per month.**Banks.**1 or 2 16 c. p. lights.....\$1.00 per month.**3 to 10 " "40 per light per month.**11 to 20 " "30 " "**21 to 30 " "25 " "**Outside Sign Lights.**1 or 2 16 c. p. lights.....\$1.00 per month.**3 to 10 " "25 per light per month.**11 " " and over .20 " "**Rate for Government Training School.**Not over 300 lights \$750.00 per year, payable quarterly.***Commercial Power.***Rates payable monthly.**For all motors of less than 15 h. p., \$40.00 per h. p. per year.**For all motors 15 h. p. or over, \$35.00 per h. p. per year.**On all bills not paid by the 15th of the month, a penalty of 10% will be added. If bills are not paid by the 30th service will be cut off, and a charge of \$1.00 made for reconnection to the same premises.**Meters are owned by utility.**No charge is made for connecting consumer's premises with lines.***Street Lighting.****GENERAL:***17—6.6 ampere, 110 volt, a. c. multiple carbon arc lamps, burning on an all-night every-night schedule. Rate \$90 per lamp per year.**18—50 watt, 110 volt, a. c. multiple tungsten lamps, burning on an all-night every-night schedule. Rate \$9 per lamp per year.***ORNAMENTAL:***None.***HAZEL GREEN.***(Population, 621.)***MUNICIPAL PLANT.***Method of generation, current purchased.**Daily operating period, continuous.***Commercial Lighting.****METER RATES:***Minimum monthly bill, \$1.00.**Current, 10 cts. per kw-hr.**If bill is not paid within 10 days of meter reading, the rate shall be 12 cts. per kw-hr.***FLAT RATES:***50 cts. per 16 c. p. lamp per month, 25 cts. per 8 c. p. per month.**Meters are owned by utility.**No charge is made for connecting consumer's premises with lines if distance is 50 feet or less. Consumer pays for any additional wire.***Street Lighting.****GENERAL:***37—100 c. p., 6.6 ampere, a. c., series gas filled tungsten lamps, burning on a moonlight, dusk to 10 p. m. schedule. No charge.***ORNAMENTAL:***None.*

HIGHLAND.

(Population, 1,096.)

MINERAL POINT PUBLIC SERVICE CO.

(See Mineral Point for rate schedule.)

Street Lighting.**GENERAL:**

- 2—400 c. p., 6.6 ampere, a. c., series gas filled tungsten lamps, burned upon a dusk to midnight, moonlight schedule. Rate \$75 per lamp per year.
- 3—80 c. p., 6.6 ampere, a. c. series, gas filled tungsten lamps, burned upon a dusk to midnight, moonlight schedule. Rate \$36 per lamp per year.
- 50—40 c. p., 6.6 ampere, a. c. series, gas filled tungsten lamps, burned upon a dusk to midnight, moonlight schedule. Rate \$18 per lamp per year.

ORNAMENTAL:

None.

HILLSBORO.

(Population, 804.)

HILLSBORO LIGHT & POWER CO.

Method of generation, steam and water power.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$0.75.

First 20 kw-hr. per month, 15 cts. net, 16 cts. gross per kw-hr.

All above 20 kw-hr. per month, 10 cts. net, 11 cts. gross per kw-hr.

The difference between the gross and net rates constitutes a discount if bills are paid on or before the 15th of the month following that for which service was rendered.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

- 5—60 watt, 110 volt, d. c. multiple tungsten lamps, burning on an every-night, midnight schedule. Rate \$24 per lamp per year.
- 52—40 watt, 110 volt, d. c., multiple tungsten lamps, burning on an every-night, midnight schedule. Rate \$22 per lamp per year.

ORNAMENTAL:

None.

HONEY CREEK.

(Population, 300.)

HONEY CREEK ELECTRIC LIGHT COMPANY.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month:

\$1.00 for installations of 500 watts or less.

\$0.20 for each additional 100 watts.

Current, 12 cts. per kw-hr.

Commercial Power.

Minimum monthly charge, \$1.00 per kw. No charge less.

Current, 12 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

17—60 watt, 110 volt, a. c. multiple tungsten lamps, burning on a moonlight, dusk to 11 p. m. schedule. Current 12 cts. per kw-hr.

ORNAMENTAL:

None.

HORICON.

(Population, 1,881.)

HORICON LIGHT & POWER CO.

Method of generation, steam plant at Beaver Dam.

Daily operating period, continuous.

Commercial Lighting.

Minimum bill, \$1.00 per month.

First 40 kw-hr. per month, 20 cts. with 25% discount if paid before 15th.

Next 160 kw-hr. per month, 20 cts. with 50% discount if paid before 15th.

Next 200 kw-hr. per month, 20 cts. with 60% discount if paid before 15th.

Next 200 kw-hr. per month, 20 cts. with 62.5% discount if paid before 15th.

All over 600 kw-hr. per month, 20 cts. with 65% discount if paid before 15th.

Commercial Power.

For motors of 2 h. p. and less (nominal rated capacity) a minimum charge of \$2.00 per month shall be paid and for each motor of over 2 h. p. a minimum charge of \$1.00 per month shall be paid for each h. p. or fraction thereof of the nominal rated capacity of the motor.

| | | | |
|-------|----|--------------|----------------------------------|
| 00 | to | 12.5 kw-hr., | \$1.00 per month (minimum bill.) |
| 12.5 | " | 200 | " 8 cts. per kw-hr. |
| 200 | " | 500 | " 7 " " " |
| 500 | " | 1,250 | " 6 " " " |
| 1,250 | " | 3,000 | " 5 " " " |

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

6—250 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on an all-night every-night schedule. Rate \$30.50 per lamp per year.

65—80 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a midnight every-night schedule. Rate \$24 per lamp per year.

9—80 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a midnight every-night schedule. Rate \$25 per lamp per year.

ORNAMENTAL:

None.

HUDSON.

(Population, 2,810.)

BURKHARDT MILLING & ELECTRIC POWER CO.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly charge, \$0.75.

10 cts. per kw-hr. for residence lighting.

8 cts. per kw-hr. for business lighting.

Discounts if bills are paid before the 25th of the succeeding month:

Monthly bill 00 to \$4.00 no discount.

| | | | | | |
|---|---|---------------------|----------------------|---|---|
| " | " | \$4.00 to 6.00..... | 5 per cent discount. | " | " |
| " | " | 6.00 to 10.00..... | 10 | " | " |
| " | " | 10.00 to 15.00..... | 15 | " | " |
| " | " | 15.00 to 20.00..... | 20 | " | " |
| " | " | 20.00 to 25.00..... | 25 | " | " |
| " | " | 25.00 to 30.00..... | 30 | " | " |
| " | " | 30.00 and over..... | 30 | " | " |

Cooking Rate:

Minimum charge per month, 75 cts.

3 cts. per kw-hr. with a discount of 10 per cent if bill is paid ten days from date.

Commercial Power.

Minimum charge of \$1.35 for the first h. p. per month and \$1.00 for each additional h. p.

6 cts. per kw-hr. for current used by motors of less than 5 h. p.

5 cts. per kw-hr. for current used by motors of 5 h. p. and over.

For motors using 50 kw-hr. per month, per h. p. 20% discount.

| | | | | | | | |
|---|---|-----|---|---|---|-----|---|
| " | " | 75 | " | " | " | 30% | " |
| " | " | 100 | " | " | " | 40% | " |
| " | " | 150 | " | " | " | 50% | " |

Except on bills of \$50.00 and over, on which a discount of 50% is allowed.

Service is discontinued if bills are not paid within thirty days from date, and a charge of \$1.00 is made for reconnection.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Rural Service.

Current, 10 cts. per kw-hr.

Discounts if bills are paid by the 10th of the month:

| | | |
|---------------------|-------------------------|-----|
| Monthly bills up to | 40 kw-hr.,..... | 20% |
| " | 40 to 60 | 25% |
| " | 60 to 100 | 30% |
| " | 100 to 150 | 35% |
| " | 150 kw-hr. or over..... | 40% |

Minimum charge of \$3.13 per month for electric lights and appliances, including one one-h. p. motor, and \$1.25 per month for each additional h. p. 20% discount if paid before the 10th of the month.

Rate for Motors Used for Silo Fillers:

30 cts. per h. p. per day.

All motors of 15 h. p. and larger to be three phase.

Customers required to build their own lines to company's power line and furnish all apparatus except meters.

Street Lighting.**GENERAL:**

56—6.6 ampere, a. c. series carbon street lamps, burning on an all-night moonlight schedule. Rate \$51 per lamp per year.

46—100 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on an all-night moonlight schedule. Rate \$12.75 per lamp per year.

ORNAMENTAL:

None.

HUMBIRD.

(Population, 425.)

WISCONSIN-MINNESOTA LIGHT & POWER CO.

(See Alma Center for commercial rate schedule.)

Street Lighting.**GENERAL:**

6—60 c. p., 7.5 ampere, a. c. series gas filled tungsten lamps, burning all night, every night. Rate \$24 per lamp per year.

ORNAMENTAL:

None.

HURLEY.

(Population, 2,967.)

IRONWOOD & BESSEMER RAILWAY & LIGHT CO.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly bill, 50 cts.

| | |
|-------------------------------|--------------------|
| 1 to 20 kw-hr. inclusive..... | 10 cts. per kw-hr. |
| 21 to 49 " " | 9 " " " |
| 50 to 69 " " | 8 " " " |
| 70 to 99 " " | 7 " " " |
| 100 and over | 6 " " " |

A discount of 5% is allowed on all bills amounting to more than 50 cts. per month if paid by the 10th of the month.

Commercial Power.

| | |
|-------------------------------|-------------------|
| 1 to 99 kw-hr. inclusive..... | 7 cts. per kw-hr. |
| 100 to 299 " " | 6 " " " |
| 300 to 499 " " | 5 " " " |
| 500 to 749 " " | 4 " " " |
| 750 to 999 " " | 3 " " " |
| 1,000 and over | 2 " " " |

Meters are owned by utility.

Consumers furnish wire to nearest pole in connecting premises with lines.

Street Lighting.**GENERAL:**

37—4 ampere, d. c., series magnetite arc lamps, burning on an all-night every-night schedule. Rate \$60 per lamp per year.

25—25 c. p., 4 ampere, a. c. series tungsten lamps, burning on an all-night every-night schedule. Rate \$15 per lamp per year.

44—40 watt, 110 volt, a. c. multiple tungsten lamps, burning on an all-night every-night schedule. Rate \$15 per lamp per year.

ORNAMENTAL:

None.

HUSTISFORD.

(Population, 615.)

HUSTISFORD LIGHT, POWER & MFG. CO.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.

When current consumed any month is less than 9 kw-hr. a minimum charge per month of \$1.00 for the month shall be paid.

First 100 kw-hr., 12 cts. per kw-hr.

Second 100 kw-hr., 10 cts. per kw-hr.

Third 100 kw-hr., 8 cts. per kw-hr.

Next 300 kw-hr. 6 cts. per kw-hr.

All over the above amounts 4 cts. per kw-hr.

Commercial Power.

Minimum bill: For motor of 2 h. p. and less (nominal rated capacity) a minimum of \$2.00 per month shall be paid; and for each motor of over 2 h. p. a minimum charge of \$1.00 per month shall be paid for each h. p. or fraction thereof of the nominal rated capacity of the motor.

Current:

First 100 kw-hr. 8 cts. per kw-hr.

Second 100 kw-hr. 6 cts. per kw-hr.

Third 100 kw-hr. 5 cts. per kw-hr.

Next 300 kw-hr. 4 cts. per kw-hr.

All over the above amount 3 cts. per kw-hr.

Discount 5% if paid within 10 days.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

17—80 c. p., 4 ampere a. c. series tungsten lamps, burning on a midnight every-night schedule. Rate \$20 per lamp per year.

5—200 c. p., 4 ampere, a. c. series tungsten lamps, burning on a midnight every-night schedule. Rate \$40 per lamp per year.

ORNAMENTAL:

None.

INDEPENDENCE.

(Population, 664.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, dusk to 11:30 p. m. and 5 a. m. to daylight.

Commercial Lighting.**METER RATES:**

Minimum charge per month, \$0.50.

Current, 10 cts. per kw-hr.

FLAT RATES:

50 cts. per 16 c. p. per month.

Meters are owned by utility.

A charge for material and labor is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

14—250 watt, 14—100 watt and 16—60 watt multiple tungsten lamps, burning from dusk to 11:30 p. m. No charge.

ORNAMENTAL:

None.

INDIAN FORD.

(Population, 100.)

JANESVILLE ELECTRIC COMPANY.

Method of generation, steam and hydraulic plant at Janesville.

Daily operating period, continuous.

(For rate schedule see Edgerton.)

Street Lighting.

None.

IOLA.

(Population, 850.)

IOLA ELECTRIC LIGHT & POWER CO.

Method of generation, steam.

Daily operating period, sunset to 12 p. m. and 5 a. m. to daylight.

Commercial Lighting.

Minimum monthly bill, \$1.00, plus meter rent of 25 cts. per month.

Current, 10 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

32—40 c. p., d. c. series tungsten lamps, burning on an every-night midnight schedule.

4—80 c. p., d. c. series tungsten lamps, same burning schedule as above.

3—100 c. p., d. c. series tungsten lamps, same burning schedule as above.

Flat charge of \$750 per year for all street lighting.

ORNAMENTAL:

None.

IRON RIDGE.

(Population, 700.)

IRON RIDGE ELECTRIC LIGHT AND POWER CO.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$1.00.

Current, 10 cts. per kw-hr.

Commercial Power.

Minimum charge per month, \$1.00 per h. p.

Current, 10 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

10—100 watt, 110 volt, a. c. multiple tungsten lamps, burning from dusk to 11 p. m. Rate \$17.50 per lamp per year.

ORNAMENTAL:

None.

IRON RIVER.

(Population, 1,007.)

IRON RIVER WATER, LIGHT & TELEPHONE CO.

Method of generation, steam.

Daily operating period, dusk to daylight.

Commercial Lighting.**METER RATES:**

Minimum monthly bill, 75 cts.

Current, 10 cts. per kw-hr.

On bills paid before the 10th of the month, the following discount will be allowed on meter readings:

| | |
|-------------------------|-----|
| From 1 to 50 kw-hr..... | 15% |
| " 50 to 100 " | 20% |
| " 100 to 200 " | 25% |
| " 200 to 300 " | 30% |
| " 300 to 400 " | 35% |

FLAT RATES:**Residences:**

1 to 5—16 c. p. lamps, 35 cts. each.

5 to 10 " " 30 "

10 to 100 " " 25 "

Business, 10 o'clock:

1 to 5—16 c. p. lamps, 40 cts. each.

5 to 10 " " 35 "

10 to 100 " " 30 "

Business, all night:

1 to 5—16 c. p. lamps, 80 cts. each.

5 to 10 " " 65 "

10 to 100 " " 45 "

Commercial Power.

2½ cts. per kw-hr.

Meters are owned by utility.

No charge made for connecting building to line.

Street Lighting.**GENERAL:**

11—500 watt, 110 volt, a. c. multiple gas filled tungsten lamps, burning on an all-night every-night schedule.

5—100 watt, 110 volt, a. c. multiple tungsten lamps, burning on an all-night every-night schedule.

4—100 watt, 110 volt a. c., multiple carbon incandescent lamps, burning on an all-night every-night schedule.

Flat charge of \$1,000 per year for all street lighting.

ORNAMENTAL:

None.

IXONIA, TOWN OF.

(Jefferson County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule, see M. L. H. & T. Co., Milwaukee, Parts II and III.)

JANESVILLE.

(Population, 13,894.)

JANESVILLE ELECTRIC CO.

Method of generation, steam and hydraulic.

Daily operating period, continuous.

12—E. R.

Commercial Lighting.**METER RATES:**

Minimum monthly charge, \$1.00.

Current, 10 cts. per kw-hr.

Subject to the following discounts for quantity consumed:

| | | | |
|------------|-------------------|----------------|-------------|
| Bills from | \$5.00 to \$10.00 | per month..... | 5% discount |
| " " | 10.00 to 20.00 | " | 10% " |
| " " | 20.00 to 30.00 | " | 15% " |
| " " | 30.00 to 40.00 | " | 20% " |
| " " | 40.00 to 50.00 | " | 25% " |
| " " | 50.00 to 75.00 | " | 30% " |
| " " | 75.00 to 100.00 | " | 35% " |
| " " | 100.00 to 150.00 | " | 40% " |
| " " | 150.00 to 200.00 | " | 45% " |
| " " | 200.00 and over | " | 50% " |

Discount 5% if paid in 12 days.

FLAT RATES:

Yearly contract basis, 1 ct. per watt per month for total installation which is to be confined to 25 watt tungsten lamps. Maximum contract \$3.00 per month, minimum \$1.00, less 5% discount if paid by the 12th of the month. Excess indicator to be used to control the current used.

All contracts to be for one year and thereafter may be discontinued by either party by giving 30 days' notice.

Long Hour Discount Schedule.

This is used for store lighting and is based upon 80% of connected load.

When consumption per 50 watt unit, or equivalent installed amounts to:

| | |
|---------------------------|-------------------------------|
| 2,000 to 3,000 watt-hours | 5% discount from 10-ct. rate. |
| 3,000 to 4,000 " | 10% " " " " |
| 4,000 to 5,000 " | 15% " " " " |
| 5,000 to 6,000 " | 20% " " " " |
| 6,000 to 7,000 " | 25% " " " " |
| 7,000 to 8,000 " | 30% " " " " |
| 8,000 to 9,000 " | 35% " " " " |
| 9,000 and over " | 40% " " " " |

5% discount is allowed from above rates if bill is paid within 12 days from date.

Sign and Display Lighting:

Dusk until 11 p. m., 1,825 hours per year at 7 cts. per kw-hr. \$0.128 per watt per year.

Dusk all night, 4,327 hours per year at 5 cts. per kw-hr. \$0.216 per watt per year.

Where we own sign add 40% of cost of sign to the annual amount which the lights come to at above rate and require a three year contract.

Less 5% discount if paid by the 12th of the month.

10% discount from above rate if sign is not used before 6 p. m.

A net flat rate of 50 cts. per month is made for single porch, barn or hall light of 40 watts.

Employees are given a net rate of 7 cts. per kw-hr. for their house lighting.

Arc lamps connected to 6.6 ampere all-night street lighting circuits are furnished at \$5.25 per month.

Ornamental curb post with five 60 watt tungsten lamps burning from dark until 11 p. m., company to control switch and main-

tain, at \$4.00 per month where post is purchased by the customers, or \$6.00 a month on a two year contract where company furnishes the post.

Customers outside the corporate limits of Janesville, and in the village of Fulton, are supplied at Janesville city rates. Customers along transmission line between Janesville and Indian Ford pay Janesville city rates with the exception that the minimum charge is \$2.00 instead of \$1.00 per month.

Commercial Power.

METER RATES:

For each motor of 1 h. p. and less (nominal rated capacity) a minimum charge of \$1.25 per month shall be paid, and for each motor of over 2 h. p. a minimum charge of \$1.00 per month shall be paid for each h. p. or fraction thereof, of the nominal rated capacity of the motor.

Rate for current, 5 cts. per kw-hr.

Subject to following discounts for quantity consumed:

| | | | | |
|------------|-------------------|----------------|-----|-----------|
| Bills from | \$5.00 to \$10.00 | per month..... | 5% | discount. |
| " " | 10.00 to 20.00 | " | 10% | " |
| " " | 20.00 to 30.00 | " | 15% | " |
| " " | 30.00 to 40.00 | " | 20% | " |
| " " | 40.00 to 50.00 | " | 25% | " |
| " " | 50.00 to 75.00 | " | 30% | " |
| " " | 75.00 to 100.00 | " | 35% | " |
| " " | 100.00 to 150.00 | " | 40% | " |
| " " | 150.00 to 200.00 | " | 45% | " |
| " " | 200.00 and over | " | 50% | " |

Power customers signing agreements not to use power during the peak load in winter are given a 10% added discount to the above schedule.

Special rate of 1½ cts. per kw-hr. net for E. P. Doty grist mill, he not to use current during the peak hours of lighting and also discontinue use of power during emergencies at power plant.

When service is discontinued for nonpayment of account, a charge of \$1.00 is made for the reconnection of service.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

444—100 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning all night, every night. Rate \$18 per lamp per year.

19—250 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning all night, every night. Rate \$24 per lamp per year.

16—400 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning all night, every night. Rate \$36 per lamp per year.

ORNAMENTAL:

120 posts, 90 feet apart, staggered; 1—400 c. p., 15 ampere, gas filled tungsten lamp on each post burning all night, every night. Rate \$40 per post per year. System installed by city and utility. City pays for service. Utility maintains system.

JEFFERSON.

(Population, 2,582.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

14 cts. per kw-hr. for the first 30 hours' use or less per month of the active connected load.

10 cts. per kw-hr. for the next 60 hours' use per month of the active connected load.

6 cts. per kw-hr. for all current used in excess of the above 90 hours.

A discount of 10 per cent will be allowed on lighting bills paid on or before the tenth of the month.

The active connected load shall in each case be a fixed percentage of the total connected load, consisting of lamps, appliances, etc. installed on the consumer's premises.

Class A includes residences, rooming houses and public buildings, for all of which 45 per cent of the total connected load shall be considered active.

Class B includes schools, churches, hotels and industrial establishments which close not later than 6:00 p. m., for which class 50 per cent of the total connected load shall be considered active.

Class C includes stores, offices, livery stables, lodges, saloons, banks, theaters and all other consumers not herein specifically provided for, in which class 60 per cent of the total connected load shall be considered active.

Heating and Cooking Rate:

Minimum monthly charge, \$2.00 for the first 4 kw. of connected load, and 50 cts. for each additional kw. of connected load.

Charge for current:

First 10 kw-hr. per month, 10 cts. per kw-hr.

All over 10 kw-hr. per month, 2 cts. per kw-hr.

Commercial Power.

First 200 kw-hr. during any one month.....6 cts. per kw-hr.

Next 200 kw-hr. during any one month.....5 cts. per kw-hr.

Next 200 kw-hr. during any one month.....4 cts. per kw-hr.

All energy in excess of 600 kw-hr. during any one month 3 cts. per kw-hr.

A minimum monthly charge of \$1.50 for 2 h. p. or fraction thereof and 75 cts. for each additional h. p. above the first 2 h. p. will be made.

Lighting service through polyphase meter permitted only where lighting load does not exceed 10 per cent of the total connected power load.

All apparatus including lamps to be used for such service must be furnished by consumer.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

128—60 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on an all-night moonlight schedule. Rate \$18 per lamp per year.

ORNAMENTAL:

55 posts, 4 posts to block in pairs; 1—40 watt and 4—25 watt tungsten lamps on each post; 40 watt lamps burn all night, every night and 25 watt lamps burn until 11 p. m. Rate \$14 per post per year. System installed by abutting property owners. Cost of maintenance borne by city and the utility. City pays for service.

JEFFERSON, TOWN OF.

(Jefferson County.)

WISCONSIN GAS & ELECTRIC COMPANY.

(See rural rate schedule for town of Geneva.)

Street Lighting.

None.

JOHNSON CREEK.

(Population, 425.)

WISCONSIN GAS & ELECTRIC COMPANY.

Method of generation, current purchased.

Daily operating period, continuous.

Schedule is same as that of M. L. H. & T. Co., Milwaukee, Part I, with reads as follows:

I. (B), 4—OPTIONAL OR INCREMENT RATE FOR POWER SERVICE.

To customers contracting on company's standard form to use service specified as power for periods of one year or more and who actually so use such service the charge for electric power service shall be computed at rates as follows:

First 200 kw-hr. during any month 6 cts. per kw-hr.

Next 200 " " " " 5 " " "

" 200 " " " " 4 " " "

All energy in excess of 600 kw-hr. during any month 3 cts. per kw-hr.

(a) The foregoing optional rate for power does not include renewals of any incandescent lamps.

(b) The foregoing rate is subject to the minimum monthly payments specified in Section II, (B), 2.

III. (B) POWER SERVICE.

1. The maximum demand charge during any month for power service (B) shall not be less than that computed on the basis of 75% of the maximum demand during any previous month of the customer's contract year.

Street Lighting.**GENERAL:**

45—60 c. p., 6.6 ampere, a. c., series tungsten lamps, burning upon an all-night every-night schedule.

Rate: First 25 lamps at \$28.80 per lamp per year.

Next 25 " 22.80 " "

" 25 " 21.00 " "

Over 75 " 20.00 " "

ORNAMENTAL:

None.

JUNEAU.

(Population, 1,003.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

12 cts. per kw-hr. for first 50 kw-hr. per month.

10 cts. per kw-hr. for all in excess of 50 kw-hr. per month.

Minimum charge 75 cts. per month.

5% discount if bills are paid on or before the 15th of the month.

Commercial Power.

8 cts. per kw-hr. for the first 400 kw-hr. per month.

7 cts. per kw-hr. for the next 600 kw-hr. per month.

6 cts. per kw-hr. for the next 800 kw-hr. per month.

5 cts. per kw-hr. for the next 1,000 kw-hr. per month.

Minimum charge \$1.00 per month per h. p.

Discount of 5% if bill is paid on or before the 15th of the month.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

40—250 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning every night until 11 p. m. Service metered at commercial lighting rate.

ORNAMENTAL:

13 posts, 11 posts to block, staggered; 1—40 watt and 4—25 watt tungsten lamps on each post. Service metered at commercial lighting rate. System installed by city. City pays for service and maintains system.

KAUKAUNA.

(Population, 4,717.)

MUNICIPAL PLANT.

Method of generation, hydraulic and current purchased.

Daily operating period, continuous.

Commercial Lighting.**SCHEDULE A. 115 volt single phase service.**

First 100 kw-hr. per month 9 cts. per kw-hr.

Next 100 " " " 6 " " "

" 400 " " " 5 " " "

All over 600 " " " 4.5 " " "

Minimum charge for each meter connected \$1.00 per month.

All less 5 per cent if paid within ten days from date of bill.

Commercial Power.**SCHEDULE B.**

Three phase, 60 cycle, 230 volt service.

First 100 kw-hr. per month 7 cts. per kw-hr.

Next 200 " " " 5 " " "

" 200 " " " 4 " " "

All over 500 " " " 3 " " "

Minimum charge \$1.00 for first h. p. or fraction thereof of connected load and 50 cts. per h. p. for each additional h. p. or fraction thereof of connected load.

All less 5 per cent if paid within ten days from date of bill.

SCHEDULE C. No discount. No less than two year contract for 200 h. p. of connected load or over.

Less than 50 hours' monthly use of maximum demand 3 cts. per kw-hr.

50 to 100 hours' monthly use of maximum demand, 2 cts. per kw-hr.

100 to 200 hours' monthly use of maximum demand, 1.5 cts. per kw-hr.

200 to 300 hours, monthly use of maximum demand, 1.3 cts. per kw-hr.

300 to 400 hours' monthly use of maximum demand, 1.2 cts. per kw-hr.

400 to 500 hours' monthly use of maximum demand, 1.1 cts. per kw-hr.

500 and above hours' monthly use of maximum demand, 1 ct. per kw-hr.

The maximum demand to be the maximum load thrown on utility's system continuously for a period of one-half hour. This demand to be determined from time to time by tests with curve drawing watt-meter or other suitable instrument.

Minimum charge 50 cts. per h. p. or fraction thereof per month of connected load when current consumption shall produce a less total amount.

Under the above rates no free lamp renewals will be made, but all lamps will be sold at cost.

Dump Power Rate. Not less than 500 kw. connected load.

SCHEDULE D. 220 volt or 440 volt—three phase service.

No cash discount.

\$0.003 per kw-hr.

Minimum charge based on following formula:

Total kw. hours consumed per year.

Maximum continuous demand for 60 minutes x number of hours current was available during year.

Under this formula a load factor of 70 per cent must be shown or customer will be billed to make yearly load factor equal this 70 per cent.

This power is only such power as can be generated by water power, and is termed our water-power power rate.

This power, of course, can only be delivered when water power is available and its delivery is subject to the jurisdiction of the United States government over the Fox river for navigation purposes.

Electric Cooking Rate:

SCHEDULE E. 230 volt service.

First 100 kw-hr. per month..... 4 cts. per kw-hr.

Next 200 " " " 3 " " "

All over 300 " " " 2 " " "

Electric Water Heating Rate:

SCHEDULE F. 230 volt service.

Heaters are operated continuously and therefore no meter is needed.

Minimum monthly charge, \$3.00.

\$5.00 per kw. of connected load per month.

Minimum charge for each meter connected \$1.00 per month.

All less 5 per cent if paid within ten days from date of bill.

Kaukauna Lumber and Manufacturing Company power contract limited hours, 2 cts. per kw-hr. flat.

Arch lighting for business streets \$2.00 per arch per month 5 hours per night, lamp renewals included.

Kaukauna Water Dept., 2300 volt, 3 phase service, supply controlled except in case of fire and time of use under our direction 1½ cts. per kw-hr.

Meters are owned by utility.

No charge for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

89—4 ampere, d. c. series magnetite arc lamps, burning all night, every night. Rate \$65 per lamp per year.

9—200 c. p., 4 ampere, d. c. series tungsten lamps, burning all night, every night. Rate \$42 per lamp per year.

21—200 watt, 115 volt, a. c. multiple tungsten lamps, burning every night until midnight. Service metered at commercial lighting rates.

ORNAMENTAL:

None.

KENDALL.

(Population, 477.)

KENDALL ELECTRIC COMPANY

Method of generation, kerosene engine.

Daily operating period, 4 p. m. to 11 p. m.

Commercial Lighting.**METER RATES:**

First 10 kw-hr. 17½ cts. per. kw-hr.

Next 20 " 15 " " "

Over 30 " 12½ " " "

Minimum charge \$1.00 per month.

Power for small motors furnished at lighting rate.

FLAT RATES:

\$1.00 per month for blacksmith shops, printing office, churches, and a few residences.

Meters owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

11—60 watt, 220 volt, d. c., multiple tungsten lamps, burning on a moonlight dusk to 11 p. m. schedule.

11—100 watt, 220 volt, d. c. multiple gas filled tungsten lamps, same burning schedule as above.

11—250 watt, 220 volt, d. c. multiple tungsten lamps, same burning schedule as above.

Flat charge of \$800 per year for all street lighting.

ORNAMENTAL:

None.

KENOSHA.

(Population, 21,371.)

WISCONSIN GAS & ELECTRIC CO.

Method of generation, steam.

Daily operating period, continuous.

I STANDARD RATE

To customers signing the company's standard form of contract providing for service for one year or more, the charge for electric service shall be computed on the following basis:

Demand Charge.

\$42 per year for each kw. of demand of the first 10 kw.

\$30 " " " " " 50 "

\$24 " " " " " in excess of 60 "

Payable in equal monthly installments.

Energy Charge.

5 cts per kw-hr. for the first 100 kw-hr. consumption during month.

4 cts. per kw-hr. for the next 900 kw-hr. consumption during month.

3 cts. per kw-hr. for the next 3,000 kw-hr. consumption during month.

2 cts. per kw-hr. for the next 6,000 kw-hr. consumption during month.

1½ cts. per kw-hr. for all energy consumed in any month in excess of 10,000 kw-hr.

(a) **LIGHTING SERVICE.**

The foregoing rate shall apply to all customers utilizing company's electric service for lighting and receiving free renewals of company's standard lamps.

(b) **POWER SERVICE.**

The foregoing rate, less ½ ct. per kw-hr. shall apply to (1) all customers utilizing company's service for the operation of electric motors and not receiving any free renewals of company's standard lamps; and to (2) all customers utilizing company's service for any purpose and not receiving any free renewals of company's standard lamps.

(c) **LIMITED OR "OFF-PEAK" SERVICE.**

The foregoing rates for lighting and power service, respectively, less one-half the "demand charge" shall apply to all customers contracting to utilize and utilizing the company's service at times during the calendar day, other than during the hours of the month specified as follows:

| Month. | Hours during which service shall not be used. |
|----------------|---|
| October | 5:30 p. m. to 7 p. m. |
| November | 5:00 " " |
| December | 4:30 " " |
| January | 4:40 " " |
| February | 5:20 " " |
| March | 6:00 " " |

(d) **"TEN SEVEN" SERVICE.**

The foregoing rates for lighting and power service, respectively, less three-quarters of the "demand charge" shall apply to all customers contracting to utilize and utilizing the company's service only during the hours 10 p. m. to the following 7 a. m.

II MAXIMUM RATE FOR SERVICE AND MINIMUM PAYMENTS.

The maximum rate of charge for service during any month shall be not greater than the rates for service that would be obtained under the existing increment rate schedules, with the prompt payment discounts applying thereto, viz.:

(1) **Lighting Service.**

| | | |
|--------|-----------------------------|--------------------|
| First | 50 kw-hr. during any month, | 12 cts. per kw-hr. |
| Second | 50 " " " " | 10 " " |
| Next | 200 " " " " | 8 " " |
| Next | 300 " " " " | 6 " " |
| Next | 14,400 " " " " | 4 " " |
| Next | 15,000 " " " " | 3½ " " |

All energy in excess of 30,000 kw-hr. during any month, 3 cts. per kw-hr.

(2) **Power Service.**

| | | |
|--------|------------------------------|-------------------|
| First | 100 kw-hr. during any month, | 8 cts. per kw-hr. |
| Second | 100 " " " " | 6 " " |
| Third | 100 " " " " | 5 " " |
| Next | 300 " " " " | 4 " " |

All energy in excess of 600 kw-hr. during any month, 3 cts. per kw-hr.

The prompt payment discount hereinbefore referred to, applicable to the foregoing maximum rates, is a discount of 5 per cent for cash payment upon bills paid at the company's office within ten days after their respective dates.

Minimum Monthly Payments.

Minimum monthly payments by any consumer shall be the monthly installment of the annual "demand charge," provided, however, that the minimum monthly payment in any instance shall be not greater than the minimum charge that would be made under the existing schedule, viz.:

- (a) For lighting service a minimum payment of \$1.00 and in addition thereto 25 cts. for each glowler of each Nernst lamp installed, \$1.50 for each arc lamp installed.
- (b) For power service a minimum charge of \$2.00 for an installation of 2 h. p. or less nominal rated capacity, and in addition thereto \$1.00 for each h. p. or fraction thereof of rated capacity, in addition to the first two h. p. The provisions for minimum monthly payments are applicable under all rates.

III MEASUREMENT OF DEMAND.

In the application of the "Standard Rate," the consumer's demand shall be determined by measurement or assessment as follows:

(A) Lighting Service, Commercial.

- (a) In installations of 1 kw. connected and less, demand shall be determined as 100 per cent of the first 300 watt connected, plus 66⅔ per cent of connected load in addition to the first 300 watts, except where tests indicate the demand to be larger than that computed on this basis.
- (b) In installations of greater than 1 kw. connected, the demand shall be measured.

(B) Power Service.

The demand of a consumer using the company's service for power shall be determined as the maximum rate at which energy is used for any continuous period of fifteen consecutive minutes, as shown by integrating watt meter.

IV RESIDENCE LIGHTING SERVICE.

To customers contracting for residence electric lighting service for periods of one year or more, including free renewal of company's standard lamps, the following rate shall apply:

- (a) Primary charge of 12 cts. per kw-hr. for:
 - 1. the first 4 kw-hr. consumed per month for each of the first four active rooms;
 - 2. the first 2½ kw-hr. consumed per month for each of the active rooms in excess of the first four.

All rooms, except the following, shall be computed as active:

Three rooms (which are primarily or may be used as bed rooms, including therein finished attic or garret room), bathrooms, basements, garrets, closets and back porch.

- (b) Secondary charge of 5 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate in (a) up to a total of 7 kw-hr. consumed per month per active room.
- (c) Tertiary charge of 2 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate (a) and secondary rate (b) or for all energy consumed in excess of 7 kw-hr. per active room per month.
 - 1. The quantity of energy paid for at the primary rate (a) is not included in the energy computed at the secondary rate (b) or at the tertiary rate (c).
 - 2. In determining the number of active rooms, all rooms whether

- containing lights or not shall be counted, except the following: Three rooms (which are primarily or may be used as bedrooms, including therein finished attic or garret rooms) bathrooms, basements, garrets, closets and back porch.
3. A room used as a children's nursery or work room and containing a couch sometimes used as sleeping quarters is not classed as a bed room.
 4. Halls and hallways used and furnished as living rooms and having an area in excess of 120 square feet are classed as active rooms.
 5. A part of a room not cut off by partition and door which is generally known as an alcove shall not be counted as an additional active room unless it is furnished and used for a distinctly different purpose or its area exceeds $33\frac{1}{3}\%$ of the total area of the room and alcove.
 6. Front, side and back porches with or without lights are not classed as active. Back porches are specifically excepted in rate schedules, as in many cases they are enclosed and used as a summer kitchen or dining room and, as such, might be taken as a room.
 7. Where service for a barn or garage is supplied through the same meter as that through which service for the residence is supplied, all active rooms in garage or barn are added to those of the house and the rate applied.
 8. Where separate meters are supplied, a garage or barn shall be treated as a separate residence.
 9. All classes of domestic heating and power consuming devices may be supplied through the meter by which the lighting service is measured, in which case this rate shall apply.
Battery charging outfits, refrigerating outfits, non-portable air compressors or vacuum cleaners, or similar apparatus not in use between the hours of 4:30 p. m. and 8:30 p. m. may be supplied through the residence meter.
Motors or other power consuming devices, when connected to residence service meter, must conform to the following rules:
All such motors and devices must be equipped with starting or regulating apparatus to limit automatically the initial current in starting to an amount not exceeding $2\frac{1}{2}$ times the full load current as determined by manufacturer's rating. Motors or other devices having a rated capacity greater than $\frac{1}{2}$ kw. shall be wound for 240 volts and customer shall arrange building wiring and meter loops for three-wire service and meter.
 10. Elevators and wireless telegraph apparatus using service intermittently shall not be supplied at residence rates or from residence service connection. Such apparatus must be supplied from power mains and, where a special extension of power service is required, customer shall pay the cost of the necessary extension in accordance with the rules of the company governing such extension of service. Customer shall contract for service for such apparatus at the company's regular power rates.
 11. In apartment houses each apartment shall be classed as a separate residence. The public portions of the building, such as hallways, elevators and enclosures, public dining rooms and kitchens, pantries, etc., connected therewith shall be treated separately. Service for such portions of the buildings may be purchased either under the residence rates (IV) or the standard commercial lighting rates (I) at the option of the purchaser. If service is furnished at the residence rate (IV), the energy charge to be paid for monthly

at the primary rate shall be computed upon the basis of one active room per floor (exclusive of basement), multiplied by the number of main entrances to the building, plus the rooms used as kitchens, building storerooms, pantries, dining rooms and offices. The active rooms in janitor's quarters, if supplied through the same meter as public portions of the building, shall be added. Janitor's quarters metered separately shall be treated as a separate residence.

12. The residence schedule shall not be applied to any apartment house wherein the landlord or agent is billed for the entire service consumed in the building and rebills the service to the occupants of the apartments. In such cases, the increment lighting rate shall be used.
13. The residence schedule shall not be applied to customers whose practice it is to have service cut off during the summer months. It shall be applied only to those who sign contracts providing for service by the year and who pay at least the minimum monthly payment provided for in the contract. When company is unable to read meters for any month or months, the quantity of energy to be paid for monthly at the primary rate shall be increased pro rata.
14. Customers occupying a portion of a business building as a residence may combine residence service with commercial lighting service through one meter. In no case, however, shall the residence rate be combined with the commercial lighting rate and residence rates cannot be applied to such combination service.

FLAT RATE DISPLAY LIGHTING.

Company will sell service for flat rate display lighting controlled by company on yearly contracts, on the following basis of monthly payments:

| Rated consumption of lamps installed. | Dusk to | |
|---------------------------------------|----------|----------|
| | 11 p. m. | 12 p. m. |
| 300 watts..... | \$3 35 | \$3 80 |
| 400 "..... | 4 50 | 5 10 |
| 500 "..... | 5 60 | 6 40 |
| 600 "..... | 6 75 | 7 55 |
| 700 "..... | 7 75 | 8 60 |
| 800 "..... | 8 75 | 9 70 |
| 900 "..... | 9 70 | 10 80 |
| 1.0 kilowatts..... | 10 65 | 11 90 |
| 1.5 "..... | 15 50 | 17 35 |
| 2.0 "..... | 20 35 | 22 75 |
| 2.5 "..... | 25 15 | 28 20 |
| 3.0 "..... | 30 00 | 33 65 |
| 3.5 "..... | 34 85 | 39 10 |
| 4.0 "..... | 39 65 | 44 55 |
| 4.5 "..... | 44 50 | 50 00 |
| 5.0 "..... | 49 35 | 55 40 |
| 6.0 "..... | 59 00 | 65 25 |
| 7.0 "..... | 67 90 | 74 25 |
| 8.0 "..... | 76 00 | 83 30 |
| 9.0 "..... | 84 15 | 92 35 |
| 10.0 "..... | 92 25 | 101 40 |

The foregoing flat rates include renewals of carbon filament lamps only and include no other maintenance.

DISCOUNT FOR PROMPT PAYMENT.

On bills paid at offices of company or its authorized collection agencies within ten days of date of bill, a discount of 5% of the first \$25.00 of all bills and 1% on amounts in excess of \$25.00 will be given. This discount shall apply only where the prompt payment discount of 5% provided for in the existing increment rate schedules, is not given.

SHORT TIME RATE.

To customers obtaining service for periods of less than one year the charge for electric service shall be computed according to the existing increment rate schedules with the prompt paying discount applying thereto, viz.:

(1) *Lighting Service.*

First 50 kw-hr. during any month, 12 cts. per kw-hr.

Second 50 " " " 10 " "

Third 200 " " " 8 " "

Next 300 " " " 6 " "

Next 14,400 " " " 4 " "

Next 15,000 " " " 3½ " "

All energy in excess of 30,000 kw-hr. during any month, 3 cts. per kw-hr.

(2) *Power Service.*

First 100 kw-hr. during any month 8 cts. per kw-hr.

Second 100 " " " 6 " "

Third 100 " " " 5 " "

Next 300 " " " 4 " "

All energy in excess of 600 kw-hr. during any month, 3 cts. per kw-hr.

The prompt payment discount hereinbefore referred to, applicable to the foregoing short time rates, is a discount of 5% for cash payment upon bills paid at the company's office within ten days after their respective dates.

RENEWALS OF STANDARD INCANDESCENT LAMPS.

To customers entitled to free renewal of company's standard lamps, upon the return to the company's offices of burned out incandescent lamps, with bulbs unbroken and accompanied by renewal card, company will supply, without charge, its standard incandescent lamps which are as follows:

| Approximate watts consumption at maximum voltage. | Nominal c. p. | Filament. |
|---|---------------|-----------|
| *10..... | 2 | Carbon |
| 20..... | 4 | " |
| 25..... | 6 | " |
| 30..... | 10 | " |
| 50..... | 16 | " |
| 100..... | 40 | Metalized |

* For sign and decorative lighting only.

Prices for Mazda lamps are filed with the Railroad Commission.

RULES CONCERNING CUSTOMERS' DEPOSITS.

1. Customers who have no established credit rating are required to furnish a financially responsible guarantor, or make a cash deposit equal in amount to two months' estimated bills. Minimum deposits in all cases to be \$5.00.

2. Customers operating moving picture houses or securing similar service for other businesses may reduce the required deposit by entering into an agreement to pay weekly an estimated bill and by granting the company the privilege to disconnect service upon failure to pay such estimated weekly bill on demand; such customers, upon making such agreement, shall deposit an amount equal to one-half of their estimated monthly bill.
3. Customers who shall have failed to make full payment to the company of all previous service bills are required to pay all such bills before service will be furnished.
4. Customers who shall have failed to make full payment to the company of all previous service bills are also required to make the cash deposit specified in rule "1".
5. Interest at the rate of 5% per annum will be paid on renewal or withdrawal of deposit.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

**SCHEDULE FILED BY THE KENOSHA ELECTRIC RY. CO. WHICH
HAS BEEN TAKEN OVER BY THE WISCONSIN GAS
AND ELECTRIC COMPANY.**

Commercial Lighting.

METER RATES:

Minimum charge \$1.00 per month for each connected lighting meter (including one power motor of less than $\frac{1}{2}$ h. p. rated capacity).

| | |
|------------------------------|--------------------|
| For the first 100 kw-hr..... | 10 cts. per kw-hr. |
| " second 100 " | 8 " " " |
| " third 100 " | 7 " " " |
| " fourth 100 " | 6 " " " |
| For all over 400 " | 5 " " " |

Discount 2 cts. per kw-hr. if bill is paid at company's office on or before the 10th day of the month.

The above rates will entitle the consumers to free renewal by the company of standard carbon filament lamps.

Street Lighting.

GENERAL.

219—4 ampere, d. c., series magnetite arc lamps, burning all night every night. Rate \$61.80 per lamp per year.

133—80 c. p., 4 ampere d. c. series gas filled tungsten lamps burning all night every night. Rate \$24.25 per lamp per year.

ORNAMENTAL:

82 posts spaced at about 100 feet: 1—600 c. p., 20 ampere a. c. gas filled tungsten lamp on each post. 19 lamps burn all night every night; rate \$77.50 per lamp per year. 63 lamps burn every night until midnight; rate \$61.50 per lamp per year. System installed and maintained by utility. Abutting property owners bear $\frac{2}{3}$ of the cost of the service and the city bears $\frac{1}{3}$.

KEWASKUM.

(Population, 625.)

KEWASKUM ELECTRIC LIGHT CO.

Method of generation, steam.

Daily operating period, dusk to daylight.

Commercial Lighting.

Minimum monthly charge, \$1.00.

Current, residences, 15 cts. per kw-hr.; residences and business places combined 12½ cts. per kw-hr.; business places, 10 cts. per kw-hr.

Meter rent, 15 cts. per month.

| | |
|---|-----|
| Discount on bill of \$3.00 to \$4.50..... | 10% |
| 4.50 to 5.50..... | 15% |
| 5.50 to 7.50..... | 20% |
| 7.50 and over | 25% |

Meters are owned by utility.

No charge for connecting building to line.

Street Lighting.**GENERAL:**

1—5 ampere, 110 volt, d c., multiple carbon arc lamp, burning every night until midnight, \$72 per year.

5—500 watt, 110 volt, d. c., multiple gas filled tungsten lamps, burning every night until midnight. Rate \$72 per lamp per year.

6—500 watt, 110 volt, d c., multiple tungsten clusters, burning every night until midnight. Rate \$72 per lamp per year.

ORNAMENTAL:

None.

KEWAUNEE.

(Population 1,839.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous except Sunday.

Commercial Lighting.

Current, 6 cts. per kw-hr.

Commercial Power.

Current, 6 cts. per kw-hr.

Meters are owned by consumers.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

26—6.6 ampere, a. c. multiple carbon arc lamps, burning on an all-night moonlight schedule. Rate \$85 per lamp per year.

15—250 watt, 6.6 ampere, a. c. multiple tungsten lamps, burning on an all-night moonlight schedule. Rate \$40 per lamp per year.

ORNAMENTAL:

None.

KIEL.

(Population, 1,244.)

MUNICIPAL PLANT.

Method of generation, producer gas.

Daily operating period, ———.

Commercial Lighting.

Minimum monthly bill, 90 cts. gross, 75 cts. net.

First 15 kw-hr. per month, 13 cts. gross, 12 cts. net per kw-hr.

Next 20 kw-hr. per month, 11 cts. gross, 10 cts. net per kw-hr.

All in excess of 35 kw-hr. per month, 9 cts. gross, 8 cts. net per kw-hr.

The difference between the net and the gross charges shall be the discount allowed when bills are paid on or before the 10th of the month following that for which service was rendered,

Commercial Power.

First 50 kw-hr. per month 7 cts. per kw-hr.

Next 200 " " " 5 " " "

" 250 " " " 4 " " "

All in excess of 500 kw-hr. per month 3 cts. per kw-hr.

Minimum monthly bill, \$1.00 for the first h. p. installed, and 50 cts. for each additional h. p. or fraction thereof installed.

A discount of 5 per cent will be allowed on all power bills paid on or before the 10th of the month following that for which service was rendered.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

74—100 c. p., 4 ampere, d. c. series tungsten lamps, burning on an all-night moonlight schedule. Rate \$24 per lamp per year.

ORNAMENTAL:

4 posts; 1—100 watt lamp and 4—60 watt a. c. series lamps on each post; 100 watt lamps burn all night and 60 watt lamps burn until midnight. Rate: 100 watt lamps, \$24 each per year; 60 watt lamps at commercial lighting rate. Maintenance and cost of current paid by village.

KILBOURN CITY.

(Population, 1,170.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

First 10 kw-hr. per month 10 cts. per kw-hr.

Next 20 " " " 8 " " "

All over 30 " " " 6 " " "

Where the superintendent is unable to read the meter after reasonable effort to do so, that fact shall be noted on the consumer's light bill, the minimum of 60 cts. assessed and the difference will be charged on the next monthly bill.

The village shall not be required to install meters at its own expense for any consumer having an installation of 5—50 watt lamps (or its equivalent) or less, and not burning after 6:00 p. m., but shall be authorized to charge such consumer the minimum rate of \$7.20 per year.

Consumers under the above rates shall contract to take current for not less than one year.

Short time rate for consumers using for less than one year:

For the first 10 kw-hr. per month 12 cts. per kw-hr.

For the next 20 kw-hr. per month 10 cts. per kw-hr.

All over 30 kw-hr. per month 8 cts. per kw-hr.

With a minimum charge of \$7.20 per year.

All consumers outside of the village shall pay for the extra expense incurred in reading meters; for connecting services; or investigating trouble or making repairs to their installation.

10% of each bill will be added to all bills not paid by the 15th of the collection month except that the minimum penalty shall be 10 cts.

If not paid by the 25th of month, service will be discontinued.

The minimum rate for all customers is 60 cts. per month.

First Rate or Unlimited Service.

A flat rate of 1 ct. per watt per month shall be charged; lights to burn from dusk to 11:00 p. m.

Commercial Power.*First Rate or Unlimited Service.*

To all customers signing the village light plant's standard form of contract, providing for service for one year or more, for an installation of 4 h. p. or more, the following rates will be made:

- 1 ct. per kw-hr., plus a demand charge of \$2.00 per rated h. p. of such installation per month.
- 1½ cts. per kw-hr. and no demand charge to any customer guaranteeing a consumption of 624 hours' use at full load of such installation per month.
- 1¾ cts. and no demand charge to any customer guaranteeing 400 hours' use at full load of such installation per month.

Second Rate or Off-Peak Service.

A rate of 2 cts. per kw-hr. for a guaranteed consumption equal to 90 hours' use at full load, per month, with a 50% discount from this rate for all current consumed in excess of this amount where minimum current used is 5,000 kw-hr.

Such second class power is a strictly off-peak load and will be furnished only, subject to all prior requirements of other service demands, and delivered only at such times as the central station has it for delivery, and subject to the option of the central station to discontinue service during peak load, or for other reasonable causes.

- 1 to 4 h. p. motors subject to second rate service will be charged a minimum rate of \$4.00 per month for the first h. p. and \$1.00 for each additional h. p. except in such installations where the consumption is such that the revenue to the central station is less than 2 cts. per kw-hr., in which case a meter will be installed, and consumption charged for at the above rates.

Motors of less than 1 h. p. on power circuit, \$3.00 per month.

1 h. p. motors or less on lighting circuit at lighting rates.

No service furnished at any of above rates for less than one year.

Off-Peak Eight Hour Service.

Any customer using the power service only between the hours of 11:00 p. m. and 7:00 a. m., a rate of 1 ct. per kw-hr. will be charged, no demand charges and no minimum charges.

A penalty of 10% of bill for any electric service will be added to all bills not paid by the 15th of the collection month and service discontinued if not paid by the 25th of said month without further notice.

Whenever service is disconnected for nonpayment of bill, the same shall not be reconnected until all bills due have been paid, with \$2.00 added for making new connection.

All bills shall become due the first of each month. A penalty of 10% of each bill will be added if not paid by the 15th of the month.

25 Cycle Only.

\$1.00 reservation charge per kw. or fraction thereof per month, plus 5 cts. per kw-hr. for the first 30 kw-hr.; 4 cts. per kw-hr. for the second 30 kw-hr.; 3 cts. per kw-hr. for the third 30 kw-hr.; 2 cts. per kw-hr. for all thereafter.

Heating and Cooking Rates.

Reservation charge: \$2.00 per month for the first 4 kw. or less of connected load and \$0.50 for each additional kw.

First 30 kw-hr. per month 4 cts. per kw-hr.

Next 30 " " " 3 " " "

All over 60 " " " 2 " " "

No service will be furnished for less than one year from installation.

No motors larger than $\frac{1}{2}$ h. p. will be permitted on 60 cycle lines.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

30—250 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning all night.

21—100 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning all night.

Current metered at 2 cts. per kw-hr.

ORNAMENTAL:

None.

KINGSTON.

(Population, 400.)

KINGSTON ELECTRIC COMPANY.

Method of generation, water power.

Daily operating period, dusk to 10:30 p. m., except Saturday when service is furnished to 11:30 p. m.

Commercial Lighting.**METER RATES:**

Minimum charge per month, \$1.25.

Current, 12 cts. per kw-hr.

Discount of 25 cts. from minimum charge if consumer owns meter.

FLAT RATES:**Residences:**

4—25 watt lamps \$1.00 per month

5—25 watt lamps 1.25 per month

Each additional lamp15 per month

Business:

3—25 watt lamps 1.50 per month

4—25 watt lamps 2.00 per month

A penalty of 10% will be added to bills not paid by the 10th of the month. If bills are not paid by the 20th of the month, service will be discontinued and a charge of \$1.00 made for reconnection.

Meters are owned by the utility and consumers.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

6—100 watt, 6—60 watt and 4—25 watt, 110 volt, d. c. multiple tungsten lamps, burning on a dusk to 10:30 p. m. moonlight schedule. Flat charge of \$156 per year.

ORNAMENTAL:

None.

KOHLER.

(Population, —.)

SHEBOYGAN RAILWAY & ELECTRIC CO.

Method of generation, transmission line.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$1.00.

All current consumed, billed at 15 cts. per kw-hr. with the following discounts to apply when bills are paid within the specified discount period:

Bills amounting to \$2.00 or less20% discount

Bills amounting to \$2.00 to \$5.0025% discount

Bills amounting to \$5.00 to \$10.0033½% discount

Bills amounting to \$10.00 or more40% discount

Bills are rendered each month and are payable on or before the date specified on each bill. Bills not paid within this specified date, will be net cash with no discounts allowed.

Applications for service must be accompanied, if required by the company, with an amount of money equal to the estimated amount of bills for two months. This amount will be held, at the option of the company, while the applicant retains connection with the lines of the company, and will be returned plus interest at 5 per cent per annum whenever the applicant discontinues the service, or establishes satisfactory credit.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

None.

LA CROSSE.

(Population, 30,417.)

WISCONSIN-MINNESOTA LIGHT & POWER CO.

Method of generation, hydraulic and transmission.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly charge, \$1.00.

Residence Lighting:

The service shall be \$1.80 per year per 16 c. p. lamp, or equivalent demand, on one-third of connected installation, or when one-third of the connected installation is considered to be the demand.

The meter rate for a consumption equivalent to 60 hours or less per month per each installation shall be 7½ cts. per kw-hr.

The meter rate for a consumption equivalent to more than 60 hours per month per each installation shall be 6 cts. per kw-hr.

Business Lighting:The service charge shall be \$1.80 per year per 50 watt lamp or equivalent unit on 38% of the connected installation.
(Energy charge same as for residence lighting.)**Sign Lighting.**

8.5 cts. per 5 watt lamp per month for 1,900 hours per annum including the replacement and lamp renewals.

Emergency or Stand-by Service.

The service charge for emergency or stand-by lighting service shall be \$1.80 per year per active 50 watt unit.

The charge for current used shall be 4.5 cts. per kw-hr. The service charge plus the charge for current used shall be unaffected by the existing maximum rate per kw-hr.

Maximum Rate.

The sum of the service and energy charges shall not exceed an equivalent of 10 cts. per kw-hr. for the current used.

Unless paid within ten days following date of presentation, a penalty of 10% will be added to all bills.

For the re-connection of meters for the same consumer upon the same premises a charge of \$1.00 will be made.

Commercial Power.

The service charge shall be \$27.00 per year per h. p. demanded.

Active h. p. is figured at $\frac{1}{3}$ total connected h. p.

The meter rate for less than 5 hours per day per h. p. demanded shall be 5 cts. per kw-hr.

The meter rate for over 5 hours, but not exceeding 8 hours per day per h. p. demanded shall be 3 cts. per kw-hr.

The meter rate for over 8 hours per day and not exceeding 10 hours per day per h. p. demanded shall be 2 cts. per kw-hr.

The meter rate for over 10 hours per day and not exceeding 15 hours per day per h. p. demanded shall be $1\frac{1}{2}$ cts. per kw-hr.

Special rates for over 15 hours per day per h. p. demanded and on installations of 200 h. p. or over, taking service at 2,300 volts.

Emergency or Stand-by Service.

The service charge for emergency or stand-by power service shall be \$27.00 per active h. p. per year. The charge for current used shall be 3 cts. per kw-hr. The service charge plus the charge for current used shall be unaffected by a maximum rate per kw-hr.

Rate for Off-Peak Lighting and Power Service.

All lighting and power to be supplied without demand charge and at $2\frac{1}{2}$ cts. per kw-hr. The above rate does not include lamp renewals and the consumer accepting the rate must furnish time switch, or a recording apparatus under the control of the company. The consumer agrees not to use current during the following hours:

| Months | Hours during which service shall not be used. | | | |
|---------------|---|---------|---------------|---------------|
| October..... | 5:30 | o'clock | p. m. to 7:30 | o'clock p. m. |
| November..... | 5:00 | " | " | 7:30 " " |
| December..... | 4:30 | " | " | 7:30 " " |
| January..... | 4:40 | " | " | 7:30 " " |
| February..... | 5:20 | " | " | 7:30 " " |
| March..... | 6:00 | " | " | 7:30 " " |

Rule relating to consumer's deposits:

Consumers will receive 3% interest on deposits after 6 months.

The interest cannot be collected by the consumer until the deposit has been refunded.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

286—4 ampere, d. c. series magnetite arc lamps, burning all night, every night. Rate \$55 per lamp per year.

ORNAMENTAL:

88 posts, 8 posts to block, in pairs; 4—40 watt and 1—60 watt tungsten lamps on each post; 40 watt lamps burn from dusk to 11 p. m. and 60 watt lamps burn all night. Rate \$36 per post per year. System installed by merchants and abutting property owners. City pays for service and bears cost of maintenance.

LADYSMITH.

(Population, 2,352.)

LADYSMITH LIGHTING COMPANY.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.

Schedule of rates for all lighting service furnished residences and businesses and passing through the same meter and measured by a meter or meters owned and installed by the company. This lighting service includes electric energy furnished for appliances other than lighting equipment, when the aggregate rated capacity of such appliances does not exceed 2 kw.

METER RATES:

Primary rate: 10 cts. net or 11 cts. gross per kw-hr. for all or part of the first 40 hours' use per month per kw. of active load.

Secondary rate: 8½ cts. net or 9½ cts. gross per kw-hr. for all or part of the next 60 hours' use per month per kw. of active load.

Excess rate: 6 cts. net or 7 cts. gross per kw-hr. for all current used in excess of 100 hours' use per month per kw. of active load.

Active load shall in each case be a fixed percentage of the total connected load installed upon the consumer's premises. Incidental power appliances, such as flatirons, toasters, fans, etc., to the amount of 1,000 watts rating, shall not be considered in determining the active load.

In Class A, which shall include residences, dwellings, flats and private rooming houses, where the total connected load is equal to or less than 500 watts nominal rated capacity, 60 per cent of such total connected load shall be deemed active; where the installation exceeds 500 watts nominal rated capacity, 33½ per cent of such part of the total connected lighting load over and above 500 watts shall be deemed active.

In Class B, which shall include all stores, offices, business and professional places, public halls, passenger depots, and theaters, etc., when the total connected load is equal to or less than 2½ kw. nominal rated capacity, 70 per cent of such total connected load shall be deemed active. When the installation exceeds 2½ kw. nominal rated capacity, 55 per cent of such part of the total connected load over and above 2.5 kw. shall be deemed active.

In Class C, which shall include county and city buildings, schools, factories, industrial establishments, shops, stables, garages and warehouses, 55 per cent of the total connected load shall be deemed active.

The minimum monthly charge for lighting service is \$1.00 for each installation.

All consumers with at least 100 watts connected shall be metered.

FLAT RATES:

Until complete metering is effected the following flat rates will apply:

All lamps figured on the basis of 60 watts.

Residence:

1 lamp (60 watts) 50 cts. per month.

2 lamps (120 ") 75 " " "

5 lamps (300 ") \$1.15 " "

Each additional 60 watts 20 cts. per month.

Business Enterprises:

20 cts. per 60 watt unit.

Commercial Power.

This service includes electric energy utilized for motive and miscellaneous lighting service. Stereopticons, moving picture machines, photographer's arcs and rectifiers shall be billed at the power rate when separately metered from the lighting.

Service Charge:

50 cts. net per active h. p. per month.

Output Charge:

4 cts. net or 5 cts. gross per kw-hr.

Active h. p. shall consist of a fixed percentage of the nominal rated capacity of the motor as indicated on the manufacturer's name plate.

The following percentage of such capacity shall be deemed active:

| | | | |
|-----------------------------------|----|-----|------|
| The first 10 h. p. installed..... | 90 | per | cent |
| Next 20 " " | 70 | " | " |
| Next 30 " " | 50 | " | " |
| All over 60 " " | 40 | " | " |

Minimum monthly bill 1.25 for small motors. For large motors the capacity charge per h. p. constitutes a minimum.

DISCOUNT.

The difference between the gross and the net rates above specified, or one cent per kw-hr., shall constitute a discount for prompt payment within ten days of date of bill. All flat-rate consumers, until same are placed upon a metered basis, shall be assessed a 10 per cent penalty for nonpayment of bills within ten days following date of bill.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.*GENERAL:*

51—500 watt, 110 volt a. c. multiple gas filled tungsten lamps burning on an all-night moonlight schedule. Rate \$55 per lamp per year.

ORNAMENTAL:

None.

LA FARGE.

(Population, 654.)

LA FARGE ELECTRIC COMPANY.

Method of generation, hydraulic.

Daily operating period, 5 a. m. to midnight.

Commercial Lighting.

Minimum charge per month, \$1.25.

First 25 kw-hr. per month 15 cts. per kw-hr.

All over 25 kw-hr. per month 10 cts. per kw-hr.

Discount of 8% on first 25 kw-hr. if bill is paid on or before the 15th of the month.

Commercial Power.

Minimum bill, \$1.00 gross and 90 cts. net per month.

Service charge \$1.00 gross and 75 cts. net per active h. p. per month with the following percentages:

90 per cent of the first 10 h. p. connected

75 per cent of the next 20 h. p. "

60 per cent of the next 30 h. p. "

50 per cent for all above 60 h. p. "

Energy or Meter Charge:

6 cts. gross and 5 cts. net per kw-hr. for energy equal to or less than 25 kw-hr. per month per active h. p. connected.

5 cts. gross and 4 cts. net per kw-hr. for all energy in excess of 25 kw-hr. per month per active h. p. connected.

The minimum rate per kw-hr. is 10 cts. per kw-hr. provided that it shall not operate to bring the bill below the amount of the service charges.

Net charge to apply if paid on or before the 10th of each month.

Rural Power Service.

5 cts. per kw-hr. for current delivered at the village limits or at the plant.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

49—48 c. p. 6.6 ampere a. c. series gas filled tungsten lamps, burning on a midnight moonlight schedule. Rate \$24 per lamp per year.

ORNAMENTAL:

None.

LAKE, TOWN OF.

(Milwaukee County.)

MILWAUKEE LIGHT, HEAT & TRACTION COMPANY.

(For rate schedule see M. L. H. & T. Co., Milwaukee, Parts I and III.)

LAKE GENEVA.

(Population, 3,079.)

SOUTHERN WISCONSIN ELECTRIC CO.

Method of generation, steam and hydraulic.

Daily operating period, continuous.

Commercial Lighting.

A. CITY OF LAKE GENEVA.

METER RATES:

Primary: 14 cts. net, 15 cts. gross, per kw-hr. for the first 30 kw-hr. per month per kw. of active load.

Secondary: 12 cts. net, 13 cts. gross, per kw-hr. for the next 60 kw-hr. per month per kw. of active load.

Excess: 6 cts. net, 7 cts. gross, per kw-hr. for all in excess of 90 kw-hr. per month per kw. of active load.

The difference between gross and net rate shall constitute a discount for prompt payment.

Active load shall be determined as follows:

Class A shall include residences, dwellings, flats, rooming houses, hotels, sanitariums, hospitals, Y. M. C. A., and clubs in which meals and rooms are furnished. In this class 60 per cent of the first 500 watts connected and 33⅓ per cent of all in excess of 500 watts connected shall be deemed active, if the connected load is equivalent to 50 watts or more per opening. If the connected load is equivalent to less than 50 watts per opening, 60 per cent of the first 500 watts connected, 33⅓ per cent of the next 1,500 watts connected, and 20 per cent of all in excess of 2,000 watts connected shall be deemed active.

Class B shall include banks, offices, stores, shops, saloons, billiard and pool halls, depots, theaters, lodge rooms and clubs not includable in Class A. In this class, 70 per cent of the first 2.5

kw. connected and 55 per cent of all in excess of 2.5 kw. connected shall be deemed active.

Class C shall include public buildings, schools, churches, factories, warehouses, stables and garages. In this class, 55 per cent of the total connected load shall be deemed active.

For all lighting installations exceeding 5 kw. connected load, the active load shall, at the consumer's option, be determined by maximum demand meters.

The connected load shall be represented by the total wattage of lamps connected.

The minimum monthly bills for this schedule shall be:

| Connected load | | Minimum bill |
|----------------|-----------|--------------|
| Under | 1 kw..... | \$0.60 |
| From 1 to | 2 kw..... | 0.80 |
| From 2 to | 5 kw..... | 1.25 |
| Over | 5 kw..... | 2.25 |

Flat Rate or Excess Indicator Rate.

This rate shall apply only to consumers using tungsten lamps exclusively and to contracts for one year. The rate shall apply to the amount of demand contracted for which shall be limited or controlled by an excess indicator.

Residences1.0 cts. per watt per month

Business places1.5 cts. per watt per month

There shall be added to all bills the sum of 25 cts. per month which shall constitute a discount for prompt payment.

Minimum monthly bill for this schedule \$1.00.

Patrolled Service for Display Lighting.

Patrolled service for window, sign or other display lighting to be turned on at dusk and off at midnight: 1.5 cts. per watt connected.

Discount for prompt payment of bills shall be 10 per cent.

Cooking and Heating.

Primary—10 cts. net, 10½ cts. gross per kw-hr. for the first 10 kw-hr. used per month.

Secondary—2½ cts. net, 3 cts. gross per kw-hr. for all over 10 kw-hr. used per month.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Minimum Charge \$24.00 per year up to and including 6 kw. of aggregate connected load. \$4.00 per year for each additional kw. of aggregate connected load.

B. OUTSIDE OF CITY OF LAKE GENEVA.

15 cts. per kw-hr. for all commercial lighting.

Minimum monthly bills for this schedule shall be:

| Connected load | | Minimum bill |
|----------------|-----------|--------------|
| Under | 1 kw..... | \$0.60 |
| From 1 to | 2 kw..... | 0.80 |
| From 2 to | 5 kw..... | 1.25 |
| Over | 5 kw..... | 2.25 |

Commercial Power.

Primary: 7.5 cts. net 8.5 cts. gross per kw-hr. for the first 15 kw-hr. per month per kw. of active load.

Secondary: 5.5 cts. net, 6.5 cts. gross per kw-hr. for the next 30 kw-hr. per month, per kw. of active load.

Excess: 3.0 cts. net, 4.0 cts. gross per kw-hr. for all over 45 kw-hr. per month per kw. of active load.

The difference between gross and net rate shall constitute a discount for prompt payment.

The active kw. connected shall be determined by multiplying the active h. p. rating by 0.746.

Active load shall be determined as follows:

90 per cent of the first 10 h. p. installed shall be deemed active.

75 " " " 20 h. p. " " "

60 " " " 30 h. p. " " "

50 " " " 60 h. p. " " "

Except, however, if capacity of the motor exceeds the possible load, total possible load in h. p. shall be deemed h. p. connected.

Heating. 20 per cent of the connected load.

If not more than 20 per cent of the connected load is power, the whole shall be deemed heating.

Minimum monthly bill for this schedule \$0.75.

Street Lighting.

GENERAL:

3—750 watt, 110 volt, a. c. multiple gas filled tungsten lamps, burning upon a dusk to midnight moonlight schedule. Current metered at 5 cts per kw-hr.

10—200 watt, 110 volt, a. c. multiple gas filled tungsten lamps, burning upon a dusk to midnight moonlight schedule. Current metered at 5 cts. per kw-hr.

105—100 watt, 110 volt, a. c. multiple tungsten lamps, burning upon a dusk to midnight moonlight schedule. Current metered at 5 cts. per kw-hr.

ORNAMENTAL:

43 posts, 6 posts to block, in pairs; 42 posts with 5—60 watt, 110 volt, a. c., multiple tungsten lamps; and 1 post with 160 watt, 110 volt, a. c. multiple tungsten lamp. Lamps are burned upon a dusk to midnight moonlight schedule. Current metered at 5 cts. per kw-hr. System was paid for by city. Cost of current and maintenance paid for by city.

LAKE MILLS.

(Population, 1,672.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge \$1.00 per month for less than 9 kw-hr.

First 15 kw-hr. 12 cts. per kw-hr.

Next 50 kw-hr. 10 cts. per kw-hr.

Next 100 kw-hr. 8 cts per kw-hr.

All over 165 kw-hr. 6 cts. per kw-hr.

Combined Heating and Lighting Rates:

Minimum monthly bill \$1.00 per kw. of connected load.

Energy charge $3\frac{1}{2}$ cts. per kw-hr. for such current as will equal the amount of the minimum monthly bill; 7 cts. per kw-hr. for all in excess of the above amount.

Such schedule to apply only when the total connected lighting load is not in excess of 15% of the total of the connected lighting and heating load; heating appliances used under the foregoing schedule to be used only at off-peak hours, or at hours other than during the hours of the months as follows:

Octoberfrom 5:30 p. m. to 7:00 p. m.

Novemberfrom 5:00 p. m. to 7:00 p. m.

| | |
|----------------|-------------------------------|
| December | from 4:30 p. m. to 7:00 p. m. |
| January | from 4:40 p. m. to 7:00 p. m. |
| February | from 5:20 p. m. to 7:00 p. m. |
| March | from 6:00 p. m. to 7:00 p. m. |

Commercial Power.

Rates for electric current for power, consumed by private consumers and in all public buildings, are as follows:

| | |
|--------------------------------------|-------------------|
| First 100 kw-hr. consumed..... | 8 cts. per kw-hr. |
| Next 100 kw-hr. consumed..... | 7 cts. per kw-hr. |
| Next 100 kw-hr. consumed..... | 6 cts. per kw-hr. |
| Next 500 kw-hr. consumed..... | 5 cts. per kw-hr. |
| Excess over 800 kw-hr. consumed..... | 3 cts. per kw-hr. |

Rates for electric current for heating consumed by private consumers and in all public buildings, are as follows:

| | |
|--------------------------------------|-------------------|
| First 20 kw-hr. consumed..... | 6 cts. per kw-hr. |
| Next 80 kw-hr. consumed..... | 5 cts. per kw-hr. |
| Excess over 100 kw-hr. consumed..... | 4 cts. per kw-hr. |

Provided that the minimum monthly charge for current for power or heating purposes shall be \$1.00 for all installations of one h. p. or less and \$0.50 for each additional h. p. and provided that motors or heaters of one h. p. or less, connected to a lighting installation, shall be governed by the lighting rates and the minimum monthly charge therefor.

Bills for lighting and power are due on or before the 15th of the month following that for which service is rendered. Service may be disconnected for nonpayment of bills, and a charge of \$1.00 is made for the reconnection of service.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

92—60 watt, 220 volt, a. c. multiple tungsten lamps, burning on a midnight moonlight schedule. Current, 10 cts. per kw-hr.

ORNAMENTAL:

None.

LANCASTER.

(Population, 2,329.)

LANCASTER ELECTRIC LIGHT CO.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

Minimum monthly charge, 75 cts.

Current, 12½ cts. per kw-hr.

FLAT RATES:

50 cts. per month per 16 c. p. lamp; same minimum bill as above.

Bills not paid by the 15th of month are subject to an additional charge of 5%.

Commercial Power.

| | |
|---|---------------------|
| First 100 kw-hr. per month | 8 cts. per kw-hr. |
| Next 500 kw-hr. per month | 6 cts. per kw-hr. |
| " 1,000 kw-hr. per month | 5 cts. per kw-hr. |
| " 900 kw-hr. per month | 4 cts. per kw-hr. |
| All over 2,500 kw-hr. per month | 3.5 cts. per kw-hr. |
| Discount of 10% if bill is paid within 10 days. | |
| Minimum charge per month, \$1.00 per h. p. connected. | |

Wholesale Power Rates.

| | | | |
|-------|-------------|------|--|
| First | 600 kw-hr., | 6 | cts. per kw-hr. less 10% if paid in 10 days. |
| Next | 1,000 | " 5 | " " " " |
| " | 900 | " 4 | " " " " |
| " | 500 | " 3½ | " " " " |
| " | 1,000 | " 3½ | " " 10% & 3% if paid in 10 days. |
| " | 1,000 | " 3½ | " " 10% & 4% " " |
| " | 1,000 | " 3½ | " " 10% & 5% " " |
| " | 1,000 | " 3½ | " " 10% & 6% " " |
| " | 1,000 | " 3½ | " " 10% & 7% " " |
| " | 1,000 | " 3½ | " " 10% & 8% " " |
| " | 1,000 | " 3½ | " " 10% & 9% " " |

All over 10,000 kw-hr. 3½ cts. per kw-hr. less 10% and 10% if paid in 10 days.

Charge for reconnecting same consumer on same premises, \$1.00.

Meters are owned by the utility.

No charge is made for connecting new consumer's premises with lines.

Street Lighting.**GENERAL:**

- 32—6.6 ampere, a. c. series carbon arc lamps, burning on a moonlight all-night schedule. Rate \$60 per lamp per year.
- 2—250 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight all-night schedule. Rate \$38 per lamp per year.
- 5—600 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight all-night schedule. Rate \$60 per lamp per year.
- 7—100 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight all-night schedule. Rate \$22 per lamp per year.

ORNAMENTAL:

- 17 posts, 3 posts to block around parks; 9 posts have 1—60 watt and 4—40 watt lamps each, 4 posts have 1—100 watt and 4—60 watt lamps each and 4 posts have 1—100 watt and 2—60 watt lamps each; lamps are 110 volt, a. c. multiple tungstens; burning period regulated by city. Current 12½ cts. per kw-hr. System installed by city and utility. Utility maintains system. City pays for current.

LANNON.

(Population 375.)

WISCONSIN GAS & ELECTRIC CO.

(See rate schedule for Menomonee Falls.)

Street Lighting.

None.

LA VALLE.

(Population, 421.)

LA VALLE ELECTRIC CO.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

Minimum monthly bill, 75 cts.

Current, 10 cts. per kw-hr.

FLAT RATES:

Barber shops, blacksmith shops, and warehouses, 75 cts. per 16 c. p. equivalent per month.

If bills are not paid within 20 days after the first day of each month a penalty of 10 per cent is added.

Meters are owned by the utility.

A charge of \$1.00 is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

30—60 and 100 watt, 110 volt, d. c. multiple tungsten lamps, burning 1,460 hours per year. Rate \$18 per lamp per year.

ORNAMENTAL:

None.

LENA.

(Population, 775.)

LENA ELECTRIC LIGHT & POWER CO.

Method of generation, water power at Peshtigo.

Daily operating period, continuous.

Commercial Lighting.

Minimum bill, \$1.00 per month.

First 10 kw-hr. per month 15 cts. per kw-hr.

Next 25 kw-hr. per month 13 cts. per kw-hr.

" 90 kw-hr. per month 12 cts. per kw-hr.

All over 125 kw-hr. per month 11 cts. per kw-hr.

5% discount allowed if paid before 10th of month.

Commercial Power.

First 50 kw-hr. 5 cts.

Next 50 kw-hr. 4½ cts.

" 300 kw-hr. 4 cts.

" 300 kw-hr. 3½ cts.

" 300 kw-hr. 3 cts.

All over 1,000 kw-hr. 2½ cts.

Minimum charge on motors up to 2 h. p. \$1.00

" " " over 2 to 5 h. p. 2.00

" " " " 5 to 10 h. p. 3.00

" " " " 10 to 25 h. p. 5.00

" " " " 25 10.00

5% discount allowed if paid before 10th of month.

Meters are owned by the utility.

No charge is made for connecting consumer's meters with lines.

Street Lighting.

None.

LINDEN.

(Population, 530.)

MINERAL POINT PUBLIC SERVICE CO.

(See Mineral Point for rate schedule.)

Street Lighting.**GENERAL:**

4—400 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning upon a dusk to midnight moonlight schedule. Rate \$75 per lamp per year.

29—40 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning upon a dusk to midnight moonlight schedule. Rate \$18 per lamp per year.

ORNAMENTAL:

None.

LISBON, TOWN OF.

(Waukesha County.)

WISCONSIN GAS & ELECTRIC COMPANY.

(See rural rate schedule for Town of Menomonee.)

Street Lighting.

None.

LIVINGSTON.

(Population, 560.)

MINERAL POINT PUBLIC SERVICE CO.

(See Mineral Point for rate schedule.)

Street Lighting.**GENERAL:**

22—40 c. p., 6.6 ampere, a. c., series gas filled tungsten lamps, burning upon a dusk to midnight moonlight schedule. Rate \$18 per lamp per year.

ORNAMENTAL:

None.

LODI.

(Population, 1,044.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly bill, 50 cts.

First 30 kw-hr. per month, 10 cts. per kw-hr.

All over 30 kw-hr. per month, 8 cts. per kw-hr.

Commercial Power.

First 50 kw-hr. per month 8 cts. per kw-hr.

Next 50 " " " 6 " " "

All over 100 " " " 4 " " "

Meters are owned by utility.

A charge for actual cost of wire is made for connecting consumers' premises with lines.

Street Lighting.**GENERAL:**

28—100 watt, 220 volt, a. c. multiple gas filled tungsten lamps, burning from dusk to daylight.

44—200 watt, 220 volt, a. c. multiple gas filled tungsten lamps, burning from dusk to daylight.

16—300 watt, 220 volt, a. c. multiple gas filled tungsten lamps, burning from dusk to daylight.

Current 4 cts. per kw-hr.

ORNAMENTAL:

None.

LOHRVILLE.

(Population, 275.)

NESHKORO LIGHT & POWER CO.

Method of generation, hydraulic.

Daily operating period, continuous.

(For commercial rate schedule, see Neshkoro.)

13—100 watt, 110 volt, d. c. multiple tungsten lamps, burning on a dusk to midnight moonlight schedule. Rate \$22 per lamp per year.

Street Lighting.**GENERAL:**

40—100 c. p., 6.6 ampere, a. c., series gas filled tungsten lamps, burning on a moonlight midnight schedule. Rate \$15 per lamp per year.

ORNAMENTAL:

None.

LOMIRA.

(Population, 529.)

THE LOMIRA ELECTRIC LIGHT & POWER CO.

Method of generation, gas producer.

Daily operating period, continual.

Commercial Lighting.*

Current, 14 cts. per kw-hr.

Discount on bills from \$1.00 to \$2.00..... 10%

" " 2.00 to 5.00..... 15%

" " above 5.00 20%

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

5—60 watt, 110 volt, d. c. multiple tungsten lamps, burning on a dusk to midnight moonlight schedule. Rate \$30 per lamp per year.

5—150 watt, 110 volt, d. c. multiple tungsten lamps, burning on a dusk to midnight moonlight schedule. Rate \$38 per lamp per year.

ORNAMENTAL:

None.

LOWELL.

(Population, 318.)

MUNICIPAL PLANT.

Method of generation, water power.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$1.00.

First 30 kw-hr. per month, 14 cts. per kw-hr.

All over 30 kw-hr. per month, 11 cts. per kw-hr.

Discount of 10% for payment on or before the 10th of the month following that for which service is rendered.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

* Matter of rates pending before Commission.

Street Lighting.**GENERAL:**

- 8—500 watt, 220 volt, d. c. multiple gas filled tungsten lamps, burning from dusk until 11:00 p. m. on a moonlight schedule.
- 2—200 watt, 220 volt, d. c. multiple gas filled tungsten lamps, burning from dusk until 11:00 p. m. on a moonlight schedule.
- 5—100 watt, 220 volt, d. c. multiple tungsten lamps, burning from dusk until 11:00 p. m. on a moonlight schedule.
- 31—60 watt, 220 volt, d. c. multiple tungsten lamps, burning from dusk until 11:00 p. m. on a moonlight schedule.

Total charge for above street lighting, \$1,065.96 per year.

ORNAMENTAL:

None.

LOYAL.

(Population, 677.)

MUNICIPAL PLANT.

Method of generation, gas.

Daily operating period, sunset to midnight.

Commercial Lighting.**METER RATES:**

Minimum monthly bill, 75 cts.

Current, 12 cts. per kw-hr.

FLAT RATES:

| | |
|--------------------------|--------|
| 16 c. p. lamp, each..... | \$0.60 |
| 32 " " " | .85 |
| 50 " " " | 1.15 |

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

- 5—3 ampere d. c. series carbon arc lamps, burning on a moonlight midnight schedule. Rate \$75 per lamp per year.
- 3—300 watt, 220 volt, d. c. multiple gas filled tungsten lamps, burning on a moonlight midnight schedule. Rate \$50 per lamp per year.
- 2—500 watt, 220 volt, d. c. multiple tungsten lamps, burning on a moonlight midnight schedule. Rate \$75 per lamp per year.
- 2—400 watt, 220 volt, d. c. multiple tungsten lamps, burning on a moonlight-midnight schedule. Rate \$65 per lamp per year.
- 16—100 watt, 220 volt, d. c. multiple tungsten lamps, burning on a moonlight midnight schedule. Rate \$25 per lamp per year.

ORNAMENTAL:

None.

LUCK.

(Population, 383.)

P. M. C. PEDERSON ELECTRIC LIGHT PLANT.

Method of generation, steam.

Daily operating period, dusk to 12 p. m. and from 5 a. m. to daylight.

Commercial Lighting.**METER RATES:**

Current, 14 cts. per kw-hr.

FLAT RATES:

16 c. p. carbon, or 40 watt tungsten, 40 cts. per month in business places and 40 cts. per month in residences.

Bills are rendered the first of each month.

Meters are owned by consumers.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

45—40 watt, 110 volt, a. c. multiple tungsten lamps, burning on a midnight moonlight, 5 a. m. to daylight schedule. Rate \$12 per lamp per year.

ORNAMENTAL:

None.

LYONS, TOWN OF

(Walworth County.)

WISCONSIN GAS & ELECTRIC COMPANY.

(See town of Geneva for rate schedule.)

MADISON.

(Population 25,531.)

MADISON GAS & ELECTRIC CO.

Method of generation, gas and steam and current purchased.

Daily operating period, continuous.

Commercial Lighting.**INCANDESCENT LIGHTING.**

For all lighting service furnished residences and business places (hereinafter specifically referred to as classes A, B and C) including such incidental use of appliances for heating or power used on lighting circuits, and passing through the same meter and measured by a meter or meters owned and installed by the company a charge of

Primary rate, 10 cts. net or 11 cts. gross per kw-hr. for current used equivalent to or less than the first 30 hours' use per month of active connected load.

Secondary rate, 6 cts. net or 7 cts. gross per kw-hr. for additional current used equivalent to or less than the next 60 hours' use per month of active connected load.

Excess rate, 2 cts. net or 3 cts. gross per kw-hr. for all current used in excess of the above 90 hours' use per month of active connected load.

For all alternating current furnished the University of Wisconsin (hereinafter specifically referred to as class D), a maximum charge of 5.5 cts. net per active lamp or 50 watts equivalent per month, plus 4 cts. net or 5 cts. gross per kw-hr. for current consumed, as measured by meters owned and installed by the company.

For all interior lighting furnished the city of Madison (hereinafter specifically referred to as class E), a minimum charge equivalent to the rate specified above for classes A, B and C.

For all signs, outlines and window lighting, on a yearly contract basis (hereinafter specifically referred to as class F), a charge of 4.5 cts. net per active 50 watt equivalent per month, plus 2 cts. net or 3 cts. gross per kw-hr. for current consumed as estimated according to the schedule of hours of lighting now in use by the company.

Active connected load shall in each case be a fixed percentage of the total connected load, consisting of lamps, appliances, etc., installed upon the consumer's premises.

In class A are included residences, dwellings, flats and private rooming houses. Where the total connected load is equal to or less than 500 watts nominal rated capacity, 60 per cent of such total connected load is deemed active; where the installation exceeds 500 watts nominal rated capacity, $33\frac{1}{3}$ per cent of such a part of the total connected load over and above 500 watts is deemed active.

In class B, where the total connected load is equal to or less than 2.5 kw. nominal rated capacity, 70 per cent of such total connected load is deemed active; where the installation exceeds 2.5 kw. nominal rated capacity, 55 per cent of such a part of the total connected load over and above 2.5 kw. is deemed active; provided that the lamps used exclusively in space devoted to the storing of goods are placed at 20 per cent active and are not included in the 2.5 kw-hr. specified above. Class B consists of banks, offices, business and professional (including studios, dressmaking parlors, massage parlors, millinery and hair dressing establishments, and photograph galleries), wholesale and retail merchandise establishments, such as art stores, bakeries, barber shops (including shoe-shining parlors and public baths), book stores, cigar stores, coffee and tea stores, commission stores, confectionery stores (including ice cream parlors), crockery and china stores, dry goods stores, drug stores, electrical supply houses, flower stores (including greenhouses), furniture and house furnishing stores, gents' furnishing stores (including hat stores and haberdasheries), grocery stores, hardware stores, harness shops, hay, grain, feed and coal offices and stores, jewelry stores, meat markets, millinery stores, milk depots, paint and wall paper shops, piano and music stores, picture stores, plumbing shops, saloons (including pool and billiard halls and adjoining card rooms), shoe stores and shoe repair shops, stationery stores, tailor shops (including dyers, cleaners and clothes pressing establishments), undertakers, upholsterers, and wine and liquor stores, theaters (including nickelodeons, shooting galleries and similar amusement places), corridors and halls in office and apartment buildings upon separate meter, dance and public halls (including lodge and society rooms), restaurants (including eating places and lunch wagons), depots and public places for the conduct of railroad, street railway, express and telephone business (excluding freight warehouses), and all other consumers not herein otherwise specifically provided for.

In class C 55 per cent of the total connected load is deemed active. Such class consists of federal, state and county buildings; churches and missions; hotels and clubs; factories (including small industrial establishments such as machine shops, carpenter shops, blacksmith shops, tin shops and cigar factories) closing not later than 6 p. m., private and parochial schools; grain and tobacco elevators and warehouses, freight and storage warehouses, and stables and garages, both private, boarding and livery.

In class D 30 per cent of the total connected load is deemed active. Such class consists of the University of Wisconsin.

In class E 55 per cent of the total connected load is deemed active. Such class consists of all interior lighting for the city of Madison, including commercial a. c. current for schools, po-

lice and fire stations, libraries, hospitals and other city buildings.

In class F the total connected load is deemed active. Such class consists of unmetered lighting for signs, outlines and windows, contracted for upon a yearly basis.

The minimum bill is \$1.00 net per month.

Where company is unable to read meter after reasonable effort, the fact will be plainly indicated upon the monthly bill, the minimum charge of \$1 assessed and differences adjusted with the consumer when meter is again read.

Company bills all consumers the gross rate, and the difference between the gross and net rates above specified, or 1 ct. per kw-hr., constitutes a discount for prompt payment.

Discounts will not be granted after the 13th day of the month following the last date of meter reading.

For the reconnection of meters for the same consumer upon the same premises a charge of \$2 is made.

Commercial Power.

STANDARD RATE.

THREE-PHASE A. C. POWER SERVICE.

To any single consumer signing the company's standard form of contract, providing for service for three years or more, and located within limited districts adjacent to the company's three-phase a. c. power lines, the charge for a. c. electric power service shall be computed upon the following basis:

Demand Charge:

\$28.00 per year for each kw. of demand for the first 10 kw.

\$18.00 per year for each kw. of demand of the next 90 kw.

\$9.00 per year for each kw. of demand in excess of 100 kw.

Plus an energy charge as follows:

Energy Charge:

2¼ cts. gross or 2 cts. net per kw-hr. for the first 500 kw-hr. consumption during the month.

1¼ cts. gross or 1 ct. net per kw-hr. for the next 1,000 kw-hr. consumption during the month.

1 ct. gross or ¾ ct. net per kw-hr. for all energy consumed during any month in excess of 1,500 kw-hr.

Service to Which Above Rate is Applicable:

The foregoing rate shall apply not only to consumers using company's three-phase a. c. electric power service for motive and heating purposes, but in those cases where the consumer shall desire to apply such power current to miscellaneous lighting purposes, and where his demand through the power meters therefor shall not be in excess of 20% of his total simultaneous demand for both said lighting and power service, said rate shall also apply to such lighting; it being understood that such use of current shall impose upon the company no burden of regulation beyond that imposed by such power service.

Demand:

The demand is defined as the greatest rate at which electrical energy is used by the consumer within any period of fifteen consecutive minutes subject to the methods hereinafter specified of determining the same and of applying thereto the above demand charge.

I. ASSESSED DEMAND.

For installation of 50 h. p. connected, or less, the demand shall be fixed at the following percentages of the total connected load:

| | |
|---|-----|
| Where installations are under 10 h. p. and only one motor is used | 90% |
| Where installations are under 10 h. p. and more than one motor is used | 80% |
| Where the installations are 10 h. p. or over and less than 20 h. p., irrespective of number of motors | 70% |
| Where installations are 20 h. p. or over and less than 50 h. p., irrespective of number of motors | 60% |

II. MEASURED DEMAND

For installations over 50 h. p. connected, demand shall be measured by permanently installed meters or by monthly readings. Such readings may, at the option of the company, be ascertained by counting revolutions of the wattmeter disc, or by printing quarter hourly readings of the wattmeter, or by a graphic recording wattmeter, or by the so-called Wright demand meter.

The full yearly demand charge above scheduled shall be applicable throughout the year to the demand (herein designated as winter demand) which shall obtain during the months of October, November, December, January, February or March.

If the demand which shall obtain during the months of April to September, inclusive, shall be greater than such winter demand, only one-half of said yearly demand charge shall be applicable to such excess over winter demand.

If there shall be no demand during said months of October to March inclusive of the year, but only during the remaining or summer months thereof, the same shall also be considered as excess demand, and only one-half of the yearly demand charge shall be applicable thereto.

Provisions Applicable to Assessed and Measured Demand:

Demand charges for *assessed* demand shall be payable throughout the year, in monthly installments, the yearly demand charge per kw. being divided into twelfths to ascertain the unit charge per month. As to *measured* demand, the demand charge for winter demand shall be payable in twelve monthly installments, the yearly demand charge per kw. being divided into twelfths to ascertain the unit charge per month, and the demand charge for excess demand shall be payable in six monthly installments, the one-half of the yearly demand charge per kw. being divided into sixths to ascertain the unit charge per month.

As to *assessed* demand, the demand charge for any month shall be based on the maximum demand obtaining during such or any preceding month; as to *measured* demand, the winter demand charge for any month shall be based on the maximum winter demand obtaining during such or any preceding winter month, and the excess demand charge for any month shall be based on the maximum summer demand obtaining during such or any preceding summer month; provided, that, if changes in installation shall, for a continuous period of twelve months, substantially reduce the demand, the future demand shall thereafter be arrived at in the light of the changed condition.

Energy charges shall also be payable monthly. Net shall apply if bills are paid on or before the 13th day of the month following the month for which bill is rendered; otherwise gross shall apply.

OPTIONAL RATE.

THREE-PHASE A. C. POWER SERVICE.

Service specified as above may, at the option of the consumer, be contracted for, for a term of not less than one year, at the following rates:

Demand Charge:

50 cts. per month for each h. p. of demand.

Energy Charge:

5 cts. gross, 4 cts. net per kw-hr. for all energy consumed.

Consumers under *standard* rate first above specified may, at the end of any contract year, substitute this *optional* rate for such standard rate, by executing optional rate contract covering the unexpired term of the standard rate contract.

D. C. POWER SERVICE.

For direct current electric power purposes, as measured by meters owned and installed by the company, a charge of 50 cts. net per active h. p. capacity per month, plus 4 cts. net or 5 cts. gross per kw-hr.

Active h. p. shall consist of a fixed percentage of the nominal rated capacity of the motor, as indicated on the manufacturer's name-plate. The following percentage of such capacity is deemed active:

| | |
|---|-----|
| Where installations are under 10 h. p. and only one motor is used | 90% |
| Where installations are under 10 h. p. and more than one motor is used | 80% |
| Where installations are 10 h. p. or over and less than 20 h. p., irrespective of number of motors | 70% |
| *Where installations are 20 h. p. or over and less than 50 h. p. irrespective of number of motors, yearly contract basis | 60% |
| *Where installations are 50 h. p. or over and less than 100 h. p. irrespective of number of motors, yearly contract basis | 55% |
| *Where installations are over 100 h. p., irrespective of number of motors, yearly contract basis | 50% |

The minimum bill shall be \$1.50 net per month.

Where company is unable to read meter after reasonable effort, the fact will be plainly indicated upon the monthly bill, the minimum charge of \$1.50 assessed and differences adjusted with the consumer when meter is again read.

Company bills all consumers the gross rate, and the difference between the gross and net rates above specified, or 1 ct. per kw-hr., constitutes a discount for prompt payment.

Discounts will not be granted after the 13th day of the month following the last date of meter reading.

For the reconnection of meters for the same consumer upon the same premises a charge of \$3 is made.

OPTIONAL RATE:

To any single consumer having in service a connected load of 50 or more h. p., and located within limited districts along the company's power lines, the company agrees to furnish a limited direct current approximately 500 volt service at the following rate, and subject to the following regulations:

* Less than yearly contract basis, 70 per cent active.

Rate:**Demand Charge:**

\$1.60 per month per maximum average h. p. demand.

Current Charge:

2 cts. per kw-hr. consumed.

Demand charges for any month shall be computed from the maximum average h. p. demand of any preceding month of the contract selected by the company. Such maximum average h. p. demand as above referred to shall be determined by taking the average of any three maximum daily demands, selected by the company, that may occur in any one month.

Such daily maximum demands shall be determined by taking the average h. p. demanded over any period of three consecutive minutes selected by the company during any consecutive twenty-four hours selected by the company.

Regulations:

Bill shall be rendered on the first of each month and shall be payable on or before the 13th of each month.

Contract shall be made for a period of not less than three years. The current shall be measured through one meter.

Contracts shall not apply to current used for lighting purposes. In all matters not specifically mentioned, the rules and regulations of the company, shall be deemed applicable.

Power is furnished to the Madison Railways Co. at a rate of 1½ ct. per kw-hr.

Meters are owned by the utility.

A charge of \$4.50 is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

378—6.6 ampere, a. c. series carbon arc lamps, burning all night, every night. Rate \$58 per lamp per year.

46—600 c. p., 20 ampere, a. c. series gas filled tungsten lamps, burning all night, every night. Rate \$58 per lamp per year.

7—100 c. d., 6.6 ampere, a. c. series tungsten lamps, burning all night, every night. Rate \$17.20 per lamp per year.

ORNAMENTAL:

145 posts in pairs about 120 feet apart; 44 posts with 1—300 watt and 101 posts with 1—500 watt, 20 ampere, gas filled tungsten lamp each; 22—300 watt and 52—500 watt lamps burn every night until midnight; 22—300 watt and 49—500 watt lamps burn every night all night. Rate: 300 watt lamps burning until midnight, \$27 each per year; 300 watt lamps burning all night \$36 each per year; 500 watt lamps burning until midnight, \$40 each per year; 500 watt lamps burning all night, \$58 each per year. System installed by city and abutting property owners. Maintenance borne by utility. City pays charges per lamp.

MADISON.**PENINSULAR POWER COMPANY.**

(Service furnished in northeastern Wisconsin and upper peninsula of Michigan. Main office located at Madison.)

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Power.**I. Applicable at Iron River, Michigan, and Iron River Mining District.****A. WHOLESALE RATES TO ELECTRIC LIGHTING COMPANIES.**

Service furnished to local electric light and power company.

Hours of service, 24.

Alternating current.

Voltage, 6600.

Rates: 1 ct. per kw-hr. plus \$1.20 per month per kw. of maximum demand.

Minimum Charge: An annual amount based on above rates and a total consumption of 500,000 kw-hr. and a maximum demand of 275 kw.

B. POWER RATES, LARGE.

Available to mining companies and other large power consumers, having a total connected load of not less than 100 h. p.

Hours of service, 24.

Kind of service, alternating.

Voltage, 6600.

3 phase.

Rate:

| | | | |
|------|------|------------|-----------------------------------|
| 1.49 | cts. | per kw-hr. | for a load factor from 20% to 30% |
| 1.26 | " | " | " " " 30% to 40% |
| 1.10 | " | " | " " " 40% to 50% |
| 1.00 | " | " | " " " 50% to 80% |
| .95 | " | " | " " " 80% to 90% |
| .90 | " | " | " " " 90% to 100% |

Minimum charge \$1.00 per month per active h. p.

II. Applicable at Iron Mountain, Michigan, and Iron Mountain Mining District.**A. WHOLESALE RATES TO ELECTRIC LIGHTING COMPANIES.**

Service furnished to local electric light and power company.

Hours of service, 24.

Alternating current.

Voltage, 6600.

Rate: 1 ct. per kw-hr. plus \$1.20 per month per kw. of maximum demand.

Minimum Charge: An annual amount based on the above rate and a total annual consumption of 350,000 kw-hr. and a maximum demand of 250 kw.

III. Applicable at Alpha, Michigan, and Alpha Mining District.**A. WHOLESALE RATES TO ELECTRIC LIGHTING COMPANIES.**

Service furnished to local electric light and power company.

Hours of service, 24.

Alternating current.

Voltage, 6600.

Rate: 1.75 cts. per kw-hr.

Minimum Charge: \$25.00 per month.

B. POWER RATES, LARGE.

Available to mining companies and other large power consumers,
having a total connected load of not less than 100 h. p.

Hours of service, 24.

Kind of service, alternating.

Voltage, 6600.

3 phase.

Rate:

| | | | |
|------|------|------------|-----------------------------------|
| 1.49 | cts. | per kw-hr. | for a load factor from 20% to 30% |
| 1.26 | " | " | " " " 30% to 40% |
| 1.10 | " | " | " " " 40% to 50% |
| 1.00 | " | " | " " " 50% to 80% |
| .95 | " | " | " " " 80% to 90% |
| .90 | " | " | " " " 90% to 100% |

Minimum charge \$1.00 per month per active h. p.

IV. Applicable at *Crystal Falls, Michigan, and Crystal Falls Mining District.*

A. POWER RATES, LARGE.

Available to mining companies and other large power consumers,
having a total connected load of not less than 100 h. p.

Hours of service, 24.

Kind of service, alternating.

Voltage, 6600.

3 phase.

Rate:

| | | | |
|------|------|------------|-----------------------------------|
| 1.49 | cts. | per kw-hr. | for a load factor from 20% to 30% |
| 1.26 | " | " | " " " 30% to 40% |
| 1.10 | " | " | " " " 40% to 50% |
| 1.00 | " | " | " " " 50% to 80% |
| .95 | " | " | " " " 80% to 90% |
| .90 | " | " | " " " 90% to 100% |

Minimum charge \$1.00 per month per active h. p.

V Applicable at *Florence, Wisconsin, and Florence Mining District.*

A. POWER RATES, LARGE.

Available to mining companies and other large power consumers,
having a total connected load of not less than 200 h. p.

Hours of service, 24.

Kind of service, alternating.

Voltage, 6600.

3 phase.

Rate:

| | | | |
|------|------|------------|-----------------------------------|
| 1.49 | cts. | per kw-hr. | for a load factor from 20% to 30% |
| 1.26 | " | " | " " " 30% to 40% |
| 1.10 | " | " | " " " 40% to 50% |
| 1.00 | " | " | " " " 50% to 80% |
| .95 | " | " | " " " 80% to 90% |
| .90 | " | " | " " " 90% to 100% |

Minimum charge \$1.00 per month per active h. p.

MANAWA.

(Population, 820.)

LITTLE WOLFE RIVER LUMBER CO.

Method of generation, hydraulic and purchased.

Daily operating period, dusk to midnight and 5 a. m. to daylight.

Commercial Lighting.**METER RATES:**

Current, 10 cts. per kw-hr.

Meter rent, 25 cts. per month.

FLAT RATES:

Residences, 35 cts. per 16 c. p. lamp per month.

Business places, 50 cts. per 16 c. p. lamp per month. 10 to 20 lamps, 35 cts. each; 20 or more lamps, 20 cts. each.

Meters are owned by utility.

No charge for connecting building to line.

Street Lighting.**GENERAL:**

60—100 watt, 220 volt, d c. multiple tungsten lamps, burning on a midnight moonlight schedule. Rate \$12 per lamp per year.

ORNAMENTAL:

None.

MANCHESTER.

(Population, 196.)

MANCHESTER LIGHT & POWER CO.

Method of generation, water power.

Daily operating period, dusk to 11 p. m.

Commercial Lighting.**METER RATES:**

Minimum bill, \$1.00 per month.

16 cts. gross or 15 cts. net per kw-hr. for the first 20 kw-hr. consumed per month.

11 cts. gross or 10 cts. net per kw-hr. for all over 20 kw-hr. consumed per month.

Discount of 1 ct. per kw-hr. if bills are paid on or before the 15th day of the month following the month in which service is rendered.

FLAT RATES:

At the company's discretion flat rates for installations of three lamps or less will be allowed as follows:

First lamp 50 cts. per month.

Second lamp 30 cts. per month.

Third lamp 20 cts. per month.

Commercial Power.

Minimum bill, \$1.00 per month for the first 2 h. p. or fraction thereof, and 50 cts. per h. p. per month for each additional h. p. connected.

9 cts. gross or 8 cts. net, per kw-hr. for the first 100 kw-hr. per month.

8 cts. gross or 7 cts. net per kw-hr. for the next 100 kw-hr. per month.

7 cts. gross or 6 cts. net per kw-hr. for the next 100 kw-hr. per month.

6 cts. gross or 5 cts. net per kw-hr. for all over 300 kw-hr. per month.

Same discount provision as for lighting.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

5—500 watt, d. c. multiple tungsten lamps, burning from dusk to 11 p. m. Rate \$20 per lamp per year.

ORNAMENTAL:

None.

MANITOWOC.

(Population, 13,027.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$0.25.

Dwellings, Offices, Churches and Schools.

| | |
|-----------------------------------|--------------------|
| Bills up to \$50 a year..... | 12 cts. per kw-hr. |
| Bills from 50 to \$75 a year..... | 2 cts. reduction |
| “ “ 75 to 100 a year..... | 3 “ “ |
| “ “ 100 to 150 a year..... | 4 “ “ |
| On bills over 150 a year..... | 5 “ “ |

Commercial Stores, Hotels, etc.

| | |
|------------------------------------|--------------------|
| Bills up to \$15 a month..... | 10 cts. per kw-hr. |
| Bills from 15 to \$20 a month..... | 1 ct. reduction |
| “ “ 20 to 30 a month..... | 2 “ “ |
| Over 30 a month..... | 3 “ “ |

Drug Stores, Barber Shops and Stores.

| | |
|-------------------------------|-------------------|
| Open every night | 8 cts. per kw-hr. |
| Bills over \$30 a month | 1 ct. reduction |

Where temporary service is furnished to business places the amount paid for such service shall not be less than \$3.00.

Commercial Power.

| | |
|---------------------------------------|-------------------|
| Bills of \$2.00 a month or over | 6 cts. per kw-hr. |
| “ \$1.00 to \$2.00 a month | 10 “ “ “ |
| “ less than \$1.00 a month | 12 “ “ “ |

When service is used 10 hours a day the following rate applies:

50 cts. net per active h. p. capacity per month, plus 4 cts. net or 5 cts. gross per kw-hr.

Active horse power consists of a fixed percentage of the nominal rated capacity of the motor, as indicated on the manufacturer's nameplate. The following percentage of such capacity shall be deemed active:

| | |
|--|-----|
| Where installations are under 10 h. p. and only one motor is used | 90% |
| Where installations are under 10 h. p. and more than one motor is used | 80% |
| Where installations are 10 h. p. or over and less than 20 h. p., irrespective of the number of motors | 70% |
| Where installations are 20 h. p. or over and less than 50 h. p., irrespective of the number of motors | 60% |
| Where installations are 50 h. p. or over and less than 100 h. p., irrespective of the number of motors | 55% |

Yearly contract basis.

No bill for electric power service shall be less than \$1.00 per month. For installations of more than one h. p. the minimum bill shall be increased at the rate of \$1.00 for each h. p. in excess of one, providing, however, that, except for consumption billed under the \$1.00 minimum, the maximum rate shall be 10 cts. per kw-hr.

Bills are to be paid within 20 days of date. If not paid service will be discontinued and a charge of \$0.50 made for reconnecting service. Unpaid bills will be placed on the tax roll.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

51—5.5 ampere, 120 volt, d. c. multiple, carbon arc lamps, burning on an all-night every-night schedule. Rate \$75 per lamp per year.

406—60 c. p., 6.6 ampere, a. c. series, gas filled tungsten lamps, burning all night until midnight and after midnight on a moonlight schedule. Rate \$16 per lamp per year.

7—600 c. p., 20 ampere, a. c. series gas filled tungsten lamps, burning all night until midnight, and after midnight on a moonlight schedule. Rate \$65 per lamp per year.

ORNAMENTAL:

None.

MARINETTE.

(Population, 14,610.)

MENOMINEE & MARINETTE LIGHT & TRACTION CO.

Method of generation, steam and hydraulic.

Daily operating period, continuous.

Commercial Lighting.

METER RATES:

Minimum monthly charge, \$1.00.

11 cts. per kw-hr. for the first 30 hours' use per month of the active connected load.

7 cts. per kw-hr. for the second 60 hours' use per month.

4 cts. per kw-hr. for each additional hour's use per month.

The active connected load or the demand for residences shall consist of 45 per cent of the total connected load, except for consumers where the actual demand is known.

The active connected load or the demand for business or commercial lighting shall consist of 60% of the total connected load, except in cases where the actual demand is known.

Business lighting shall consist of all retail and wholesale mercantile establishments, manufacturing plants, banks, saloons, pool and billiard rooms, nickelodeons, offices, studios, dress-making parlors, opera houses, schools, depots, and all other consumers of this character not herein otherwise provided for.

The active connected load for halls, lodges, churches, hotels, clubs, hospitals, livery stables, libraries, jails and similar establishments shall consist of 45 per cent of the total connected load, except where the actual demand is known.

OPTIONAL READINESS-TO-SERVE RATE:

15 cts. per month per 16 c. p. lamp (50 w.) demanded; 4 cts. per kw-hr. for current consumed, the demand or connected load to be the same as under the above schedule.

Any consumer electing this rate must use same for one year.

10% discount allowed on above rates if bill is paid on or before the tenth day of the month succeeding that during which the charges were incurred.

No charge will be made to customers on the foregoing schedule for lamp renewals of 8, 16, 24 or 32 c. p. carbon filament of the regular clear glass type, upon the return of burned out lamps with the glass unbroken. Lamps broken, lost or unaccounted for must be paid for by the consumer.

DISPLAY LIGHTING:

Minimum monthly charge, \$0.75.

Service to be connected to a circuit controlled from our substation, which is turned on at dusk and turned off at 12 o'clock midnight.

4½ cts. per kw-hr. for current consumed, computed as follows: the connected load multiplied by 2200 hours, equal annual consumption, multiplied by 4½ cts. equal annual charge, to be paid in equal monthly installments.

No lamp renewals furnished or discount allowed on this rate.

This rate to apply to consumers not on this midnight circuit, who furnish a time limit switch.

Customers under this rate must use current for not less than one year.

WHOLESALE RATE FOR ELECTRIC LIGHTING:

For customers whose net lighting bills amount to \$150.00 or more per month, 2.2 cts. per kw-hr. will be made subject to a discount of 10% if paid on or before the 10th day of the month succeeding that during which the charges were incurred. \$150.00 shall be the minimum in all cases.

No free lamp renewals furnished on this rate.

FLAT RATE LIGHTING FOR RESIDENCES:

1.1 cts. per watt per month for actual demand, subject to a discount of 10% if paid on or before the 10th day of the month succeeding that during which the charges were incurred.

The actual demand to be governed by an "excess indicator" set to a stated amount from 100 to 300 watts.

The company to furnish the "excess indicator" and the consumer to furnish lamps and renewals.

Consumers under this rate to contract for not less than one year.

Commercial Power.**METER RATES:**

A service charge of 50 cts. per month for each h. p. of nominal rated capacity of motor or less, and

3½ cts. per kw-hr. for installations of 20 h. p. or less.

3 cts. per kw-hr. for installations of over 20 h. p. and under 50 h. p.

2½ cts. per kw-hr. for installations of 50 h. p. and over, and under 75 h. p.

2 cts. per kw-hr. for installations of 75 h. p. and over, and under 100 h. p.

1½ cts. per kw-hr. for installations of 100 h. p. and over, and under 200 h. p.

1 ct. per kw-hr. for installations of 200 h. p. and over and under 500 h. p.

¾ of a ct. per kw-hr. for installations over 500 h. p.

A minimum charge of \$1.00 per month will be made in all cases.

10% discount allowed on above rates if bills are paid on or before the 10th day of the month succeeding that during which the charges were incurred.

OPTIONAL WHOLESALE POWER RATE:

For all power customers paying \$150.00 net per month for each and every month in the year, 2 cts. per kw-hr. net with no service charge.

WHOLESALE ELECTRIC POWER RATE:

For installations of 150 h. p. and over, a rate of \$19.00 per h. p. per year, based on the rated capacity of motors installed.

Current supplied, 2,300 volts, three phase, 60 cycle.

This rate is subject to cancellation by the company when the "peak load" of its Rapids Power Plant is equal to the mini-

the flow of the Menominee river, or to temporary suspension at the option of the company in the event of its inability to supply such current without cutting off any of its customers not under this rate.

Payments to be made on or before the 10th of each month for power supplied during the preceding month.

In cases where the meters are disconnected a charge of \$0.50 will be made for reconnection to the same premises.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

91—6.6 ampere, a. c., series carbon arc lamps, burning on an all-night moonlight schedule. Rate \$58.50 per lamp per year.

41—4 ampere, d. c. series flame arc lamps burning on an all-night moonlight schedule. Rate \$58.50 per lamp per year.

ORNAMENTAL:

35 individual posts installed by merchants.

MARION.

(Population, 798.)

MARION LIGHT & POWER COMPANY.

Method of generation, Semi-Diesel engines.

Daily operating period, 16 to 24 hours.

Commercial Lighting.

METER RATES:

Minimum charge per month \$1.00.

Current, 12 cts. per kw-hr.

Penalty of 15 cts. per month added to bills not paid by the 10th of the month.

FLAT RATES:

Residences:

First 100 watts, 1 ct. per watt per month.

All over 100 watts, 0.5 cts. per watt per month.

Business Places:

First 500 watts, 1 ct. per watt per month.

All over 500 watts, 0.5 cts. per watt per month.

Commercial Power.

Motors operating 6 hours or more per day, 3 cts. per kw-hr.

Motors above 1 h. p. operating less than 6 hrs. per day, 5 cts. per kw-hr.

Motors operating intermittently, regular lighting rate.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

22—400 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a dusk to 1 a. m. moonlight schedule. Rate \$40 lamp per year.

3—100 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a dusk to 1 a. m. moonlight schedule. Rate \$25 per lamp per year.

ORNAMENTAL:

None.

MARKESAN.

(Population, 892.)

MARKESAN ELECTRIC COMPANY.

Method of generation, _____.

Daily operating period, _____.

Commercial Lighting.

For the first 60 hours' use per month of active connected load,
14.4 cts. net or 16 cts. gross per kw-hr. All over 60 hours'
use per month of active connected load, 9 cts. net or 10 cts.
gross per kw-hr.

Minimum bill for lighting, 75 cts. per month.

The active connected load shall be a fixed percentage of the total
connected load as follows:

| | |
|---|------|
| <i>Class A.</i> Residences, public buildings, rooming houses, etc. | 40% |
| <i>Class B.</i> Churches, schools and industrial establishments closing not later than 6 p. m. | 55% |
| <i>Class C.</i> Livery stables and hotels | 60% |
| <i>Class D.</i> Stores, offices, club rooms, banks, theaters, saloons depots, and all others not herein specifically mentioned | 75% |
| <i>Class E.</i> Signs | 100% |

Commercial Power.*Unlimited Hours:*

For the first 60 hours' use per month of active connected load,
9 cts. net or 10 cts. gross per kw-hr.

All over 60 hours' use per month of active connected load, 4½ cts.
net or 5 cts. gross per kw-hr.

Minimum bill for power:

4 h. p. or less \$2.00 per month

Over 4 h. p. \$0.50 per h. p.

Active connected load shall be a certain percentage of the rated
h. p. capacity of the motors or appliances. The following per-
centage shall be deemed active:

Where the installation through one meter is

| | |
|---|------|
| Less than 3 h. p. | 100% |
| 3 to 10 h. p. one motor only | 85% |
| 3 to 10 h. p. more than one motor | 75% |
| 10 h. p. to 50 h. p. | 65% |
| 50 h. p. or over | 55% |

Limited Hours:

For the first 60 hours' use per month of active connected load,
7.2 cts. net or 8 cts. gross per kw-hr.

For all over 60 hours' use per month of active connected load
3.6 cts. net or 4 cts. gross per kw-hr.

The rate is for power consumers who will agree to use power only
during specified hours when it does not conflict with lighting
hours. The same percentages are considered active as in the
unlimited hours schedule.

All current will be billed at the gross rate and will be subject to
a discount to reduce it to a net rate if paid by the tenth of
the month following service.

The limited hour rate shall apply to those consumers who agree
to use power only between the hours shown on the following
schedule:

January 15th to February 15th... 6:00 a. m. to 4:30 p. m.

February 15th to March 15th... 6:00 a. m. to 5:00 p. m.

March 15th to April 15th.....6:00 a. m. to 5:30 p. m.
 April 15th to September 15th....6:00 a. m. to 6:00 p. m.
 September 15th to October 15th..6:00 a. m. to 5:30 p. m.
 October 15th to November 15th..6:00 a. m. to 5:00 p. m.
 November 15th to January 15th—6:00 a. m. to 4:00 p. m.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

42—250 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a midnight moonlight schedule. Rate \$32.25 per lamp per year.

ORNAMENTAL:

20 posts, 3 posts to block in pairs; 1—40 watt and 4—25 watt tungsten lamps on each post; 40 watt lamps burn until midnight; 25 watt lamps burn two hours each night. Flat charge of \$383.65 per year. System installed by merchants and abutting property owners. Village pays the annual charge. Utility bears cost of maintenance.

MARSHFIELD.

(Population, 5,783.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge, \$1.00 per month.

Current, 10 cts. per kw-hr.

The following discounts will be allowed if paid on or before the 15th day of the month of issue at the electric light office:

| | |
|---------------------------|-----|
| 8 to 40 kw-hr. | 10% |
| 40 to 100 kw-hr. | 25% |
| 100 to 250 kw-hr. | 35% |
| 250 kw-hr. and over | 50% |

Commercial Power.

Minimum charge 50 cts. per h. p. under 20 h. p.; 25 cts. per h. p. over 20 h. p.

For the first 50,000 watt-hours 7 cts. per M.

For the second 50,000 watt hours 6 cts. per M.

For the third 50,000 watt-hours 5½ cts. per M.

Above 250,000 watt-hours to 1,000,000 w. h. .. 4 cts. per M.

1,000,000 watt-hours to 1,500,000 w. h., 3½ cts. with 5 per cent discount.

1,500,000 watt-hours to 3,000,000 w. h., 3 cts. with 5 per cent discount.

3,000,000 watt-hours and over, 2¾ cts. with 5 per cent discount.

A charge of \$1.00 will be made for services which are connected after having been discontinued on account of failure to pay bill within specified time.

Special rate of 5 cts. per kw-hr. for state experiment station.

A deposit of \$5.00 may be required of consumers who do not own the building occupied.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

76—240 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on an all-night moonlight schedule. Rate \$65 per lamp per year.

ORNAMENTAL:

84 posts, 8 posts to block in pairs; 1—200 watt, 110 volt, gas filled tungsten lamps on each post burning all night, every night. Rate \$25 per post per year. System installed by utility. City pays for service. Utility bears cost of maintenance.

MARTINTOWN.

(Population, 100.)

MARTINTOWN ELECTRIC LIGHT & POWER CO.

Method of generation, water power.

Daily operating period, ———.

Commercial Lighting.**METER RATES:**

Current, 10 cts. per kw-hr.

FLAT RATES:

\$1.00 per month.

No charge is made for connecting consumer's premises with lines.

MAUSTON.

(Population, 1,701.)

MAUSTON ELECTRIC SERVICE CO.

Method of generation, steam and hydraulic.

Daily operating period, ———.

Commercial Lighting.

Minimum monthly bill, 75 cts.

Current 12½ cts. per kw-hr. when paid the 5th of each month.

" 16½ " " " " " after 5th " "

Commercial Power.

Minimum charge per month, \$1.00 per h. p. connected.

5 cts. per kw-hr. for the first 25 kw-hr. for each h. p. connected.

4 cts. per kw-hr. for the next 50 kw-hr. for each h. p. connected.

2 cts. per kw-hr. for all in excess of 75 kw-hr. for each h. p. connected.

Heating Rate for Business Places:

Minimum charge per month \$0.75.

Current, 10 cts. per kw-hr.

Discount of 25% if bill is paid five days from date.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

8—400 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight midnight schedule. Rate \$65 per lamp per year.

4—250 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight midnight schedule. Rate \$50 per lamp per year.

23—100 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight midnight schedule. Rate \$30 per lamp per year.

18—80 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight midnight schedule. Rate \$26 per lamp per year.

90—60 c. p., 6.6 ampere, a. c. series tungsten lamps, burning on a moonlight midnight schedule. Rate \$22 per lamp per year.

ORNAMENTAL:

None.

MAYVILLE.

(Population, 2,282.)

THE NORTHWESTERN LIGHT & POWER COMPANY.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

METER RATES:

| | |
|-------------------------------|---------|
| Minimum monthly charge | 75 cts. |
| For the first 100 kw-hr. | 10 " |
| " second 100 " | 9 " |
| " third 100 " | 8 " |
| " next 300 " | 6 " |
| " all above 600 " | 4 " |

Discount 5% if paid before 10th of month.

No free lamp renewals.

Commercial Power.

| | |
|-------------------------------|--------|
| For the first 100 kw-hr. | 8 cts. |
| " second 100 " | 6 " |
| " third 100 " | 5 " |
| " next 300 " | 4 " |
| " all above 600 " | 3 " |

Discount 5% if paid before 10th of month.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

26—6.6 ampere, a. c. series carbon arc lamps, burning all night, every night. Rate \$50 per lamp per year.

21—6.6 ampere a. c. series carbon arc lamps, burning all night, every night. Rate \$65 per lamp per year.

ORNAMENTAL:

None.

MAZOMANIE.

(Population, 917.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, 50 cts.

Current, 10 cts. per kw-hr.

Discount of 2 cts. per kw-hr. on all bills paid before the 10th of the month following that for which service was rendered.

Commercial Power.

Minimum charge per month, \$1.00.

6 cts. per kw-hr. for motors of 1 h. p. or larger.

Motors of less than 1 h. p. on commercial lighting rates.

Discount of 1 ct. per kw-hr. on bills paid before the 10th of the month following that for which service was rendered.

Heating and cooking devices at same rates and terms as commercial power.

If bills are not paid by end of month following that for which service was rendered, service will be disconnected.

Meters are owned by consumers.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

10—250 c. p. and 57—100 c. p., 6.6 ampere, a. c. series tungsten lamps burning from dusk to midnight. Rate \$9 per lamp per year.

ORNAMENTAL:

None.

MEDFORD.

(Population, 1,846.)

MEDFORD LIGHT & HEATING CO.

Method of generation, Diesel engine.

Daily operating period, continuous except Sunday.

Commercial Lighting.

Minimum monthly charge, \$1.00.

Up to 30 kw-hr., 10 cts. per kw-hr.

From 30 to 50 kw-hr., 8 cts. per kw-hr.

Over 50 kw-hr., 6 cts. per kw-hr.

Commercial Power.

Minimum monthly charge: first 2 h. p., \$1.00 per h. p.; \$0.50 for each additional h. p.

First 20 kw-hr. per h. p. per month, 10 cts. per kw-hr.

Next 20 " " " 8 " " "

All over 40 " " " 5 " " "

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

32—6.6 ampere, d. c. series carbon arc lamps, burning all night, every night. Rate \$78 per lamp per year.

ORNAMENTAL:

None.

MELLEN.

(Population, 1,833.)

MELLEN WATER & LIGHT CO.

Method of generation, hydraulic and steam.

Daily operating period, 3 p. m. to 10 a. m.; Tuesday and Wednesday to 11 a. m.; Sunday dusk to daylight.

Commercial Lighting.

Minimum charge on meter rates \$1.25 per month.

First 50 M. watts..... 10 cts. per 1,000 watts.

Next 50 " 8 " " "

Next 50 " 6 " " "

All over 150 " 4 " " "

Meters are owned by the utility.

No charge for connecting building to line.

An extra charge of 50 cts. will be made where light is required to be cut off, when reconnected later.

15—E. R.

Street Lighting.**GENERAL:**

- 6—400 watt, 110 volt, a. c. multiple gas filled tungsten lamps, burning all night, every night. Rate \$84 per lamp per year.
- 2—250 watt, 110 volt, a. c., multiple tungsten lamps, burning all night every night. Rate \$60 per lamp per year.
- 2—150 watt, 110 volt, a. c., multiple tungsten lamps, burning all night, every night. Rate \$39 per lamp per year.
- 15—100 watt, 110 volt, a. c. multiple tungsten lamps, burning all night, every night. Rate \$27 per lamp per year.
- 31—40 watt, 110 volt, a. c. multiple tungsten lamps, burning all night, every night. Rate \$19.20 per lamp per year.

ORNAMENTAL:

None.

MENASHA.

(Population, 6,081.)

WISCONSIN TRACTION, LIGHT, HEAT & POWER CO.

Method of generation, hydraulic and steam. Plant at Appleton.

Daily operating period, continuous.

(See Appleton for commercial rate schedule.)

Street Lighting.

Furnished by municipal plant.

MENOMONEE FALLS.

(Population, 919.)

WISCONSIN GAS & ELECTRIC COMPANY.

Method of generation, hydraulic and current purchased.

Daily operating period, continuous.

Applies in the villages of *Menomonee Falls, Lannon, Templeton, Sussex and Merton.***I. STANDARD RATE.**

To customers signing the company's standard forms of contract, providing for service for one year or more, the charge for electric service shall be computed on the following basis:

Demand Charge:

- \$42.00 per year for each kw. of demand of the first 10 kw.
- 30.00 " " " " " next 50 "
- 24.00 " " " " " next 140 "
- 18.00 " " " " " in excess of 200 "

Payable in equal monthly installments, plus an energy charge as follows:

Energy Charge:

- 4 cts. per kw-hr. for the first 1,000 kw-hr. consumption during month;
- 3 cts. per kw-hr. for the next 3,000 kw-hr. consumption during month;
- 2 cts. per kw-hr. for the next 6,000 kw-hr. consumption during month;
- 1½ cts. per kw-hr. for the next 40,000 kw-hr. consumption during month;
- 1.3 cts. per kw-hr. for all energy in excess of 50,000 kw-hr. during month.

1. The foregoing rate shall apply to all customers utilizing company's electric service for lighting and receiving free renewals of company's standard lamps.
2. The foregoing rate less ½ ct. per kw-hr. shall apply to all customers utilizing company's service and not receiving free renewals of company's standard lamps.

A Electric Lighting:

1. This service will include:
 - (a) Electric energy furnished for lamps and other appliances utilized for illumination purposes, except as hereinafter specifically exempted.
 - (b) Motors and appliances other than lighting equipment where provided with a starting apparatus designed to limit the initial or starting current to a value not exceeding $2\frac{1}{2}$ times the full load current, alternating current motors of $\frac{1}{4}$ h. p. when wound for 110 volts and of $\frac{1}{2}$ h. p. when wound for 220 volts, the aggregate rated capacity of such appliances not to exceed 2 kw., will be included in this class when used in connection with lighting equipment and when the connected load of such motors and appliances does not exceed the aggregate rated capacity of lighting equipment.
2. Should the conditions of use of customer's demand be obviously such that he would never earn a lower rate under the Standard than under the Increment Rate Schedule, the Increment Rate Schedule set forth in Section II hereof shall apply. (Contract form No. 759-M.) The increment lighting schedule is optional with the Standard Rate.
3. In the application of the Standard Rate one integrating watt meter only shall be provided for the measurement of energy, unless accuracy of measurement requires the installation of more than one meter. Where demand meters are installed, only one set of meters shall be used, and the arithmetical sum of their readings shall be used in computing demand.
4. (a) Exclusive lighting customers having installations of 2 kw. or less shall purchase service providing for free lamp renewals.
- (b) In exclusive lighting installations of more than 2 kw. connected, it is optional with the customer whether he shall take the rate providing for free lamp renewals.
- (c) In exclusive lighting installations of more than 2 kw. connected and where customer desires to contract for service without free lamp renewals, the energy charge shall be $\frac{1}{2}$ ct. per kw-hr. less than that provided above and contract form No. 1938-M shall be endorsed "Without Renewals of Lamps."
5. The maximum rate of charge for energy for lighting service is set forth in Section II.
6. The following table shows the various contract forms under which commercial electric lighting service is sold, and the application of such forms in the various classes of service:

| Form No. | TITLE | APPLICATION |
|----------|---|---|
| 759-M | Contract for Electric Service. | (a) Lighting under Increment Schedule with free renewals of company's standard lamps. |
| 759-M | | (b) "Short Time" lighting service. |
| 759-M | | (c) Not to be used for power service. |
| 1938-M | Contract for Commercial Electric Service. | (a) Commercial lighting under Standard Rate with renewals of company's standard lamps. |
| 1938-M | | (b) Commercial lighting service over 2 kw. under Standard Rate, without renewals of company's standard lamps when endorsed "Without Renewals of Lamps." |

B. Power:**1. This service will include:**

(a) Electric energy utilized for motive and heating purposes, and miscellaneous lighting service, where the demand arising from such miscellaneous lighting service shall not be in excess of 20% of the total simultaneous demand for lighting and power service.

(b) Stereopticons, moving picture machines, photographer's arc lamps and rectifiers shall be classed as power equipment.

2. In the practical application of the Standard Rate, it is found that customers divide themselves generally into two classes—one in which the demand and hours' use is so small that they receive no advantage under the Standard Rate, and the other class in which the Standard Rate results in a lower unit cost than the Increment Schedule. In the case of Unlimited, or On-Peak Service, all contracts for demands of 222 kw. or less and requiring an average use of the demand of about 240 hours per month should be written under the Increment Rate Schedule (Contract Form No. 1960-M). Contracts for demand in excess of 222 kw. and 240 hours' use per month should be written under the Standard Rate (Contract Form No. 1968-M).

3. Where service for lighting or other application requiring single phase current is desired by customer, to be supplied through meter measuring energy as polyphase power service, the unbalancing of the phases of the polyphase service arising from the use of the service for lighting or other purposes shall not exceed 10% of the demand in kw. contracted for or measured. The power factor of such unbalanced single phase load shall not be less than 75%. Should customer's demand for single phase service exceed the above, the same shall be divided as nearly as practicable to obtain a balanced condition of the polyphase service. Customer may contract for single phase requirements in excess of 10% of polyphase demand as a separate single phase service. Where miscellaneous lighting service is supplied through the same meter as "Power" service (B), customer shall be required to supply apparatus for rendering available 120 volts for lighting service, if such be required.

C. Optional or Increment Rate for Power Service:

To customers contracting on company's form to use service specified as power for periods of one year or more and who actually so use such service, the charge for electric power service shall be computed at the following rates:

| | | |
|-------|-----------------------------|-------------------|
| First | 100 kw-hr. during any month | 8 cts. per kw-hr. |
| Next | 100 " " " " | 6 " " " |
| Next | 100 " " " " | 5 " " " |
| Next | 300 " " " " | 4 " " " |
| Next | 1,400 " " " " | 3 " " " |

All energy in excess of 2,000 kw-hr. during any month, 2 cts. per kw-hr.

(a) The foregoing optional rate for power does not include renewals of any incandescent lamps.

(b) The foregoing rate is subject to the minimum monthly payments specified in Section II, (B), 3.

The following table shows the various contract forms under which

power service is sold, and the application of such forms to the various classes of service:

| Form No. | TITLE | APPLICATION |
|----------|--|---|
| 1960-M | Contract for Electric Power Service, Increment Rate. | (a) Power and miscellaneous light where demand and energy consumption are small or less than about 222 kw. at 240 hours per month use of demand. (b) "Short Time" power service. |

| | | |
|--------|---------------------------|--|
| 1968-M | Electric Power Agreement. | (a) Power and miscellaneous light under standard rate. |
|--------|---------------------------|--|

D. Combined Lighting and Power Service.

This service will include electric energy specified as "lighting" (A), and electric energy specified as "power" (B), where such combination service is supplied through the same meter.

SPECIAL SERVICES.

E. Limited or Off-Peak Service.

The foregoing rates for "lighting" service (see "A"), "power" service (see "B"), and "combined lighting and power service" (see "D") less one-half of the demand charge, shall apply to customers contracting to utilize and utilizing the service only at times during the calendar day other than during the hours of the month, specified as follows:

| Month | Hours during which service shall not be used |
|----------------|--|
| October | 5:30 p. m. to 7:00 p. m. |
| November | 5:00 p. m. to 7:00 p. m. |
| December | 4:30 p. m. to 7:00 p. m. |
| January | 4:40 p. m. to 7:00 p. m. |
| February | 5:20 p. m. to 7:00 p. m. |
| March | 6:00 p. m. to 7:00 p. m. |

In case customer desires to use service during the specified "Off-Peak" hours and upon giving the company one hour's notice of such intent, he shall be permitted to use service on any day of the week except Saturday and Sunday, and for each day power is so used customer shall pay:

| | | |
|-------------------------------------|--------|---------|
| For each kw. of demand of the first | 10 kw. | \$0.17; |
| " " " " next | 50 " | .12; |
| " " " " next | 140 " | .10; |
| " " " " excess | " | .07. |

The demand so paid for shall be that as measured if it exceeds the "off-peak" demand contracted for or otherwise paid for during the current month.

- Customers shall install and maintain in operating condition an automatic time switch of the type approved by the company.
- Service under the off-peak schedule for demands of less than 10 kw. will not be solicited or recommended, but will be sold on application. The saving to the customer is small and the complication introduced greater than that warranted by the saving in cost of service.
- In many cases, customers signing limited service contracts will require some service for lighting during the hours that service is not available under this schedule. In such cases contract shall include a small demand under the unlimited service schedule, and all energy supplied under both schedules shall be measured by one meter. In computing the demand charge and the application of the four steps of the demand charge

hereto, the demand charge for the unlimited service shall first be computed and the charge for the limited service shall be continuous thereafter. For example, if the customer contracts to purchase 10 kw. of unlimited service and 50 kw. of limited service, the monthly demand charge is computed as follows:

10 kilowatts at \$3.50 \$35.00
50 kilowatts at 1.25 62.50

4. Limited or off-peak service shall be sold only on annual contracts. On-peak service to supplement off-peak service during the off-peak hours shall not be sold at the short time or increment rate.
5. The following table shows the various contract forms under which power service is sold, and the application of such forms to the various classes of service:

| Form No. | TITLE | APPLICATION |
|----------|---|---|
| 1964-M | Limited electric power agreement. | (a) Off-peak power service. |
| 1974-M | Combined unlimited and limited electric power agreement. | (a) Combined "on" and "off" peak power and miscellaneous lighting. |
| 2377-M | Combined unlimited and limited commercial and electric light and power service. | (a) Combined "on" and "off" peak commercial lighting and miscellaneous power. |

F. Ten-Seven Service.

The foregoing rates for "power" service (B) less three-fourths of the demand charge shall apply to all customers contracting to utilize and utilizing company's service only during the hours 10:00 p. m. to the following 7:00 a. m. Customer shall install and maintain in operating condition an automatic time switch of the type approved by the company.

1. Contract form No. 1971-M shall be used for "ten-seven" power service.

G. Unlimited Breakdown Service.

The foregoing rates for "lighting and power" service (D) under unlimited service, shall apply for breakdown or emergency service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the company. It shall be set to open when the demand exceeds 125% of the kilovoltampere demand contracted for.

1. Contract form 1969-M shall be used for "unlimited breakdown service."

H. Limited Breakdown Service.

The foregoing rates for "lighting and power" service (D) under limited and off-peak service, shall be furnished for breakdown or emergency service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by

the customer and approved and controlled by the company. It shall be set to open when the demand exceeds 125% of the kilovoltampere demand contracted for.

1. Contract form No. 1970-M shall be used for "limited breakdown service."

II. MAXIMUM RATE FOR LIGHTING SERVICE AND MINIMUM PAYMENTS

A. *Maximum Rate for Lighting Service.*

1. Maximum rate of charge for commercial electric lighting service (Section 1, 'A') during any month shall not exceed:

| | |
|-----------------------------------|--------------------|
| First 100 kw-hr. during any month | 12 cts. per kw-hr. |
| Next 100 " " " " | 10 " " " |
| Next 100 " " " " | 8 " " " |
| Next 300 " " " " | 6 " " " |
| All over 600 " " " " | 4 " " " |

2. The foregoing rate is subject to prompt payment discount and includes free renewals of company's standard carbon filament lamps and renewal allowances on tungsten or other special lamps.
3. Customers may purchase service without lamp renewals, in which case these rates per kw-hr. shall be reduced one-half cent.
4. The foregoing limitation of the maximum rate of charge for commercial electric lighting service applies only to exclusively commercial lighting customers and shall not apply to any customer purchasing service for combined lighting and power, breakdown service, or combined unlimited and limited service.

B. *Minimum Monthly Payments.*

1. The minimum monthly payment to be made by any customer, except customers purchasing exclusively electric lighting service or power service at the optional or increment power rate, shall be the monthly installment of the annual demand charge.
2. A minimum monthly bill shall be charged of 50 cts. net to customers having connected loads of 300 watts or less and one dollar to customers having connected loads in excess of 300 watts, to cover such expenses occasioned by the individual customer as billing, inspecting and maintaining meter and service connections, etc. In addition to such minimum bill a charge of \$1.50 shall be made for each arc lamp installed.
3. A minimum monthly bill under the optional or increment rate for power shall be charged of \$1.50 for an installation of 2 h. p. or less nominal rated capacity, plus 75 cts. for each additional h. p. or fraction thereof (or \$1. per kw.) nominal rated capacity.
4. A minimum monthly bill for any power customer having an installation of 2 h. p. or less and purchasing service either under the standard or under the optional or increment rate shall be charged of \$1.50.

III. MEASUREMENT OF DEMAND.

The demand is defined as the greatest rate at which electrical energy is used by the customer within any period of fifteen consecutive minutes during the contract year, subject to the methods of determining hereinafter specified.

A. *Lighting Service.*

1. For lighting installations of 2 kw. or less, the demand shall be assessed as 100% of the first 300 watts, plus 66⅔% of the connected load in addition to the first 300 watts.

2. Where the demand is assessed all sockets not containing lamps shall either be removed or sealed by the company, or counted at 50 watts each.

3. For installations of over 2 kw. the demand shall be measured by permanently installed demand meters, or by monthly readings taken during the normal peak demand of the service. Such readings may be ascertained at the option of the company by counting revolutions of the watt meter disc, or by printing quarterly hourly readings of the watt meter, or by a graphic recording watt meter, or by the so-called Wright demand meter.

B. Power Service.

1. The maximum demand upon which the monthly charge for power service (see B) is based shall not be less than 75 per cent of the highest demand ascertained during the period of twelve months ended with the current month.

2. For power installations of 2 kw. connected or less, the demand shall be assessed as 75% of the connected load, as indicated by the manufacturer's rating.

C. Temporary Assessment of Demand.

In installations in excess of 2 kw. connected, where customer is connected for service during a month during which the maximum measured demand shall be less than the probable demand obtaining during November, December, January or February, the demand will be assessed in accordance with the following rules, and such assessed demand will be corrected as soon as the actual demand for the year has been measured, and the difference in the demand rate billed upon the assessed or estimated demand, and the demand rate based upon the actual or measured demand shall be credited to the customer or paid by the customer as the case may be.

1. In Class "1" customers (lighting service) the assessed demand shall be determined as follows:

100% of the first 300 watts connected;

66⅔% of the next 1,700 watts connected;

55% of all in excess of the first 2,000 watts connected.

Class 1 customers shall include all lighting customers except those designated as Class 2.

2. In Class "2" customers (lighting service) the assessed demand shall be determined as follows:

100% of the first 300 watts connected;

66⅔% of the next 1,700 watts connected;

40% of all in excess of the first 2,000 watts connected.

Class 2 customers shall consist of federal and county buildings, churches and missions, hotels and clubs, factories (including small industrial establishments such as machine shops, carpenter shops, blacksmith shops, tin shops and cigar factories closing not later than 6 p. m.), private and parochial schools, grain and tobacco elevators and warehouses, freight and storage warehouses, stables and garages, both private, boarding and livery, and furniture stores occupying two or more floors above street level.

3. In Class 3 (power service) the assessed demand shall be determined as a percentage of the total connected load as indicated by the manufacturer's rating:

Where installations are under 10 h. p. 75%;

" " " over 10 h. p. and less than

50 h. p. 65%;

" " " " 50 h. p. 55%.

4. If customer's connected load is permanently decreased, the demand charge shall be reduced accordingly. Where customer's connected load is 2 kw. or less, the demand shall be reassessed. If customer's load is in excess of 2 kw., the demand is determined by measurement and the time at which the change in connected load occurs will influence the basis upon which the new demand charge will be determined. If the customer's connected load is reduced prior to December 15, of the customer's contract year, the demand may be remeasured and the new demand so ascertained be taken as the basis of the demand charge for the remaining portion of the customer's contract year. If the customer's installation be reduced subsequent to December 15 of the customer's contract year, then the new demand charge shall be determined upon the basis of the temporary assessed demand, as provided in the preceding paragraphs, and such assessed demand will continue to be the basis upon which the customer shall be billed for service until a new demand shall be ascertained by measurement during the months of November, December, January and February following.

IV. RESIDENCE LIGHTING SERVICE.

To customers contracting for residence electric service with free renewals of company's standard lamps for periods of one year or more, the following rate shall apply:

- (a) Primary charge of 12 cts. per kw-hr. for
 1. The first 4 kw-hr. consumed per month for each of the first four active rooms.
 2. The first 2½ kw-hr. consumed per month for each of the active rooms in excess of the first four.All rooms except the following shall be computed as active:
Three rooms (which are primarily or may be used as bed rooms, including therein finished attic or garret room) bathrooms, basements, garrets, closets and back porch.
- (b) Secondary charge of 5 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate in (a) up to a total of 7 kw-hr consumed per month per active room.
- (c) Tertiary charge of 2 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate (a) and secondary rate (b) or for all energy consumed in excess of 7 kw-hr. per active room per month.
 1. The quantity of energy paid for at the primary rate (a) is not included in the energy computed at the secondary rate (b) or at the tertiary rate (c).
 2. In determining the number of active rooms, all rooms whether containing lights or not shall be counted, except the following: three rooms (which are primarily or may be used as bedrooms, including therein finished attic or garret rooms), bathrooms, basements, garrets, closets and back porch.
 3. A room used as a children's nursery or work room and containing a couch sometimes used as sleeping quarters is not classed as a bedroom.
 4. Halls and hallways used and furnished as living rooms and having an area in excess of 120 square feet are classed as active rooms.
 5. A part of a room not cut off by partition and door, which is generally known as an alcove, shall not be counted as an addi-

- tional active room unless it is furnished and used for a distinctly different purpose or its area exceeds 33⅓% of the total area of the room and alcove.
6. Front, side and back porches with or without lights are not classed as active. Back porches are specifically excepted in rate schedules, as, in many cases, they are enclosed and used as a summer kitchen, or dining room, and as such might be taken as a room.
 7. Where service for a barn or garage is supplied through the same meter as that through which service for the residence is supplied, all active rooms in garage or barn are added to those of the house and the rate applied.
 8. Where separate meters are supplied, a garage or barn shall be treated as a separate residence.
 9. All classes of domestic heating and power consuming devices may be supplied through the meter by which the lighting service is measured, in which case, this rate shall apply.
Battery charging outfits, refrigerating outfits, non-portable air compressors or vacuum cleaners, or similar apparatus not in use between the hours of 4:30 p. m. and 8:30 p. m., may be supplied through the residence meter.
Motors and other power consuming devices, when connected to residence service meter, must conform to the following rules:
All such motors and devices must be equipped with starting and regulating apparatus to limit automatically the initial current in starting to an amount not exceeding 2½ times the full load current as determined by manufacturer's rating. Motors or other devices having a rated capacity greater than ½ kw. shall be wound for 240 volts and customer shall arrange building wiring and meter loops for three-wire service and meter.
 10. Elevators and wireless telegraph apparatus using service intermittently shall not be supplied at residence rates or from residence service connection. Such apparatus must be supplied from power mains and, where a special extension of power service is required, customer shall pay the cost of the necessary extension in accordance with the rules of the company governing such extension of service. Customer shall contract for service for such apparatus at the company's power rates.
 11. In apartment houses, each apartment shall be classed as a separate residence. The public portions of the building, such as hallways, elevators, and enclosures, public dining rooms and kitchens, pantries, etc., connected therewith shall be treated separately. Service for such portions of the buildings may be purchased either under the residence rates (IV) or the standard commercial lighting rates (I-A) at the option of the purchaser. If service is furnished at the residence rate (IV), the energy charge to be paid for monthly at the primary rate shall be computed upon the basis of one active room per floor (exclusive of basement), multiplied by the number of main entrances to the building, plus the rooms used as kitchens, building storerooms, pantries, dining rooms and offices. The active rooms in janitor's quarters, if supplied through the same meter as public portions of the building, shall be added. Janitor's quarters metered separately shall be treated as a separate residence.
 12. The residence schedule shall not be applied to any apartment house wherein the landlord or agent is billed for the entire

service consumed in the building and rebills the service to the occupants of the apartments. In such cases the increment lighting rate (II) shall be used.

13. The residence schedule shall not be applied to customers whose practice it is to have service cut off during the summer months. It shall be applied to only those who sign contracts providing for service by the year and who pay at least the minimum monthly payment provided for in the contract. When company is unable to read meters for any month or months, the quantity of energy to be paid for monthly at the primary rate shall be increased pro rata.
14. Customers occupying a portion of a business building as a residence may combine residence service with commercial lighting service through one meter. In no case, however, shall the residence rate be combined with the commercial lighting rate and residence rates cannot be applied to such combination service.

D. *Minimum Payments.*

To customers executing company's standard form of residence lighting contract at foregoing rates and using the service for periods of one year or more, the minimum charge shall be 50 cts. per month net.

- E. The following shows the various contract forms under which residence service is sold and the application of each form:

| Form No. | TITLE | APPLICATION |
|----------|---|--|
| 1939-M | Contract for Residence Lighting Service. | Residence service for periods of one year or more, standard rate. |
| 2399-M | Short Time Residence Electric Lighting Service. | Short time residence electric lighting service. |

V. DISCOUNT FOR PROMPT PAYMENT.

1. On bills paid at the office of the company or its authorized collection agencies within ten days of date of bill, a discount of 5% of the first \$25.00 of all bills and 1% on amounts in excess of \$25.00 will be given.
2. On bills for electric service supplied to the federal, county and city governments, paid at the office of the company, or its authorized collection agencies, within 60 days of date of bill, the prompt payment discount provided for in the contract under which such service is sold will be allowed.

VI. SHORT TIME RATES.

To customers obtaining service for periods of less than one year and subject to a charge for the cost of connection and disconnection of service and meter, the charge for electric service shall be computed according to the following schedules and with the prompt payment discount set forth in Section V, applying thereto, viz.:

A. *Commercial Lighting Service.*

| | |
|-----------------------------------|--------------------|
| First 100 kw-hr. during any month | 12 cts. per kw-hr. |
| Next 100 " " " " | 10 " " " |
| Next 100 " " " " | 8 " " " |
| Next 300 " " " " | 6 " " " |

All energy in excess of 600 kw-hr. during any month 4 cts. per kw-hr.

1. The foregoing rate includes free renewals of company's standard incandescent lamps and renewal allowances on tungsten or other special lamps.
2. When free renewals of company's standard lamps or renewal allowances on tungsten or other special lamps are not obtained by customer, contract for service shall be endorsed "without lamp renewals," and the foregoing rate shall be reduced $\frac{1}{2}$ ct. per kw-hr.
3. For reconnection of meter for the same customer upon the same premises a charge of \$1.50 shall be made.

B. Residence Lighting Service.

1. The rate per kw-hr. for short time residence electric lighting service, subject to the minimum monthly payment of 50 cts. during any month, shall not exceed 12 cts.
2. The foregoing rate includes free renewals of company's standard incandescent lamps and renewal allowance on tungsten or other special lamps.
3. For reconnection of meter for the same customer upon the same premises a charge of \$1.50 shall be made.

C. Power Service.

First 100 kw-hr. during any month 8 cts. per kw-hr.

Next 100 " " " " 6 " " "

Next 100 " " " " 5 " " "

Next 300 " " " " 4 " " "

All energy in excess of 600 kw-hr. during any month, 3 cts. per kw-hr.

1. The foregoing rate is subject to the minimum monthly payment specified in Section II.
2. For the reconnection of meter for same customer upon the same premises a charge of \$1.50 shall be made.

VII. RENEWALS OF STANDARD INCANDESCENT LAMPS.

1. To entitle customers to free renewals of company's standard carbon filament incandescent lamps or to allowances on the renewals of tungsten or other special lamps, the first installation of such lamps or any increase thereof, shall be purchased from the company by the customer at the company's published prices.

VIII. RENTAL OF METERS.

- A. In case the customer desires integrating watt meters installed to measure the consumption of electrical energy by various floors, departments, or tenants, company will install such meters upon yearly contracts and charge therefor the following:

| Size and type of meter | One meter | Additional meters installed at same time as first meter, each | Annual rental charge payable in 12 equal monthly installments or otherwise as agreed upon |
|-------------------------------------|-----------|---|---|
| Single Phase and Direct Current: | | | |
| 10 amp. and smaller | \$1.00 | \$0.50 | \$3.00 |
| 15 amp. to 75 amp. | 1.50 | .75 | 6.00 |
| 100 amp. to 300 amp. | 3.00 | 1.00 | 12.00 |
| 3 Phase Meters: | | | |
| 5 amp to 25 amp. | 1.50 | .75 | 6.00 |
| 50 amp. to 150 amp. | 3.00 | 1.00 | 12.00 |

The company will not obligate itself to supply the readings of the individual meters, nor assume any responsibility for their accuracy.

- B. Should customers desire rented meters tested and report thereon made the company will make such test and report and charge therefor the following:

| Size of meter. | One meter | Additional meters tested at same time as first meter each |
|--------------------------|-----------|---|
| 5 amp. to 25 amp. | \$2.00 | \$1.00 |
| 40 amp. to 150 amp. | 2.50 | 1.50 |

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

16—150 watt, 125 volt, a. c. multiple tungsten lamps, burning upon an every-night midnight schedule.

50—60 watt, 125 volt, a. c., multiple tungsten lamps, burning upon an every-night midnight schedule.

Total charge for above street lighting, \$1,500 per year.

ORNAMENTAL:

None.

MENOMONEE, TOWN OF

(Waukesha County.)

WISCONSIN GAS & ELECTRIC COMPANY.

Method of generation, current purchased.

Daily operating period, continuous.

Rural Service.

Applies to Towns of Menomonee, Lisbon and Merton.

Rural customers are defined as customers located outside of the limits of cities and villages and who are engaged in farming, gardening, stock raising and dairying. Country residences are included in this class.

Rural customers located upon existing distributing lines or who contribute to the cost of constructing extensions in accordance with the company's rules and who execute company's standard form of rural service contract for a period of not less than two years may purchase single-phase electric service at the following rates:

(a) Service Charge:

\$2.00 per month for four or less active rooms, plus 40 cts. per month for each active room in excess of the first four.

Service charge shall include energy consumption equivalent to 7 kw-hr. per active room per month or not less than 28 kw-hr. per month.

(b) Energy Charge:

2 cts. per kw-hr. for all energy consumed in excess of 7 kw-hr. per active room or in excess of 28 kw-hr., in case the active rooms are less than four.

The number of active rooms shall be computed on the following basis: All rooms contained in the residence shall be

counted as active, except bath rooms, basements, garrets, closets, halls, pantry and three rooms used as bedrooms or sleeping quarters but not used for other purposes. In addition to the rooms in the residence, each separate building used as a barn, stable, garage or greenhouse shall be counted as one active room. In computing the active rooms, no deduction shall be made because rooms or buildings are not wired or connected.

The foregoing rate shall apply to all energy used for household purposes, including cooking, and for miscellaneous power purposes, providing the total nominal rated capacity of motors does not exceed three horse power, and providing the motors are not operated between sundown and eleven p. m. Service for additional motors will be supplied at the foregoing rate plus an additional charge of 50 cts. per month for each h. p. or fraction thereof in excess of three h. p.

The foregoing rate does not include renewals of any incandescent lamps, but is subject to the company's standard prompt payment discount of 5% on the first \$25, and 1% on amounts in excess of \$25 of monthly bills paid within ten days from date of same.

Street Lighting.

None.

MENOMONIE.

(Population, 5,036.)

WISCONSIN-MINNESOTA LIGHT & POWER CO.

Method of generation, hydraulic and transmission.

Method of generation, continuous.

Commercial Lighting.

Classification of Service:

Class A.—Dwelling rooms, flat, private rooming house, residence.

Class B.—Bank, barber shop, billiard hall, card rooms, depot, dressmaking parlors, express company, garage, halls, laundry, office, post office, store or restaurant, saloon, theater, telephone company, telegraph company, sign, show case or similar advertising purposes, windows.

Class C.—Asylum, armory, blacksmith shop, church, convent, club rooms, factory, hotel, hospital, heating plant, lodge hall, livery stable, public building, rooming house, school, warehouse.

METER RATES:

13 cts. per kw-hr. for the first 30 hours' use per month of the active connected load, 8 cts. per kw-hr. for the next 60 hours' use per month and 4.5 cts. per kw-hr. for all in excess of 90 hours' use per month.

If payment is made at the company's office on or before the 10th day of the month for all current consumed for incandescent lighting and measured by meters during the preceding calendar month, the rate will be:

Primary Rate—12 cts. per kw-hr. for current used equivalent to or less than the first 30 hours' use per month of active connected load.

Secondary Rate—7 cts. per kw-hr. for additional current used equivalent or less than the next 60 hours' use per month of active connected load.

Excess Rate—4 cts. per kw-hr. for all current used in excess of above 90 hours' use per month of active connected load.

Class "A"—Where the total connected load is equal to or less than 500 watts nominal rated capacity, 60 per cent of such total connected load shall be termed active. Where the installation exceeds 500 watts nominal rated capacity, 33⅓ per cent of such part of the total connected load over and above 500 watts shall also be termed active.

Class "B"—In this class 80% of the total connected load shall be termed active, except sign and window lighting, 33⅓ per cent of which are active.

Class "C"—In this class 55 per cent of the total connected load shall be termed active.

Emergency Lighting Rate for Stout Institute.

Bills will be rendered monthly at a rate of \$1.00 per kw. of maximum demand and 2 cts. per kw-hr. for power and other services.

Flaming Arcs.

The company will furnish current at the regular price per kw-hr. for lighting service, but the consumer shall purchase and install such lamps at his own expense and furnish or pay to company the cost price of all carbons used in their operation.

Emergency or Standby Service.

Service charge \$1.80 per year per active 50 watt unit. Current 4.5 cts. per kw-hr. The maximum rate does not apply to this service.

Minimum Rates—The company shall be required to furnish the \$1.00 per month for each additional meter installed.

Reconnection Charge—Where customers discontinue their electric lights, no charge will be made for such service, but when the service is reconnected, a charge of \$1.00 may be made for the same.

Commercial Power.

Power Rates—6 cts. per kw-hr. for the first 30 hours' use of maximum demand and 3 cts. per kw-hr. for all in excess.

The term maximum demand is herein used to mean the rated capacity of motors or motor in h. p. multiplied by 746 watts.

Customers having a power installation of 25 h. p. or more shall have the privilege of rating the installation on its maximum demand.

Minimum Power Bill—The minimum power bill will be 75 cts. per h. p. per month as above determined where more than 1 h. p. is installed. On installations of 1 h. p. or less the minimum bill will be \$1.00 per month.

Whenever motors and lights shall be connected up on the same meter, a minimum charge will be made for both motors and lights.

Emergency or Standby Service.

Service charge \$27 per active h. p. per year. Current 3 cts. per kw-hr. The maximum rate does not apply to this service.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

64—7.5 ampere, a. c. series carbon arc lamps, burning all night, every night. Rate \$57 per lamp per year.

7—80 c. p., 7.5 ampere, a. c. series gas filled tungsten lamps, burning all night, every night. Rate \$22.80 per lamp per year.

5—80 c. p., 7.5 ampere, a. c. series gas filled tungsten lamps,

burning all night, every night. Rate \$19.20 per lamp per year.

3—80 c. p., 7.5 ampere, a. c. series gas filled tungsten lamps, burning all night, every night. Rate \$15.04 per lamp per year.

ORNAMENTAL:

None.

MEQUON.

(Population, 100.)

MILWAUKEE NORTHERN RAILWAY CO.

Method of generation, producer gas plant at Port Washington.

Daily operating period, 5:30 a. m. to 1:35 a. m.

Special contracts with Gustave A. Kletzsch, The Milwaukee River Canning Co., Milwaukee Country Club, Holton & Hunkel Co., Grafton Lt., Ht. & P. Co., Cedar Grove Tel. Co. and the Oostburg Lt., Ht. & P. Co.

MERRILL.

(Population, 8,689.)

WISCONSIN VALLEY ELECTRIC CO.

Method of generation, hydraulic.

Method of generation, continuous.

Commercial Lighting.

METER RATES:

Minimum monthly bill, \$1.00.

Residence Lighting.

10 cts. per kw-hr. with discounts as follows: Monthly bill of \$4.00, 20%; \$5.00, 25%; \$6.00, 30%; \$7.00, 35%; \$8.00, 40%; \$9.00, 45%; \$10.00 or more, 50%.

Business Lighting.

Rate No. 1, 30 cts. per month, for each 40 to 45 watt tungsten, tantalum or 16 c. p. carbon lamp, and 2 cts. per kw-hr.

Rate No. 2, 20 cts. per month per unit as above and 3 cts per kw-hr.

Rate No. 3, 10 cts. per month per unit and 5 cts. per kw-hr.

FLAT RATES:

The flat rate is charged according to the actual maximum load.

If there is any question about such maximum load, a maximum demand meter is used. The highest reading of such maximum demand meter for November, December and January will govern the flat rate for the following year.

The rate shown to be the cheapest to the consumer will be charged for the entire year.

Commercial Power.

Rates for motors are 25 cts. per h. p. month, and 5 cts. per kw-hr. 50 cts. per h. p. month and 3 cts. per kw-hr. \$1.00 per h. p. month and 2 cts. per kw-hr. If over 10 h. p., \$1.00 per h. p. month and 1 ct. per kw-hr.

Household cooking, full kitchen equipment, 2½ cts. per kw-hr., Apr. 1st to Oct. 1st. Oct. 1st to Apr. 1st, 5 cts. per kw-hr. Water tank heaters \$2.00 per month in summer, \$4.00 in winter. No. 2 small flatirons, motors, and cooking utensils, at lighting rates. Large flatirons, (tailor shops, etc.) at motor rates.

In the case of motors we give consumers the cheapest of the three rates each month. For instance, one month the motor might

be used but little and the cheapest rate would be 25 cts. per h. p. month, and 5 cts. per kw-hr. The next month the use of the motor might be increased so that \$1.00 per h. p. month, and 2 cts. per kw-hr. would be the cheapest rate.

Rate for electric cooking and heating on installations not exceeding 5 kw. maximum demand.

Minimum charge per month, \$2.00

First 100 kw-hr. 3 cts. per kw-hr.

All over 100 kw-hr. 2 cts. per kw-hr.

Rate applicable to all wood veneer plants and flour mills.

75 cts. per month per active h. p. connected, plus

1 ct. for the first 20,000 kw-hr. per month.

$\frac{3}{4}$ ct. for all in excess of 20,000 kw-hr. per month.

In determining the active h. p., the following percentages of the connected load shall apply:

80% of the first 10 h. p. shall be considered active.

70% of the next 30 h. p. shall be considered active.

40% of excess of 40 h. p. shall be considered active.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

95—200 c. p., 6.6 ampere, d. c. series, gas filled tungsten lamps, burning upon an all-night moonlight schedule. Rate \$48 per lamp per year.

ORNAMENTAL:

None.

MERRILLIAN.

(Population, 625.)

MUNICIPAL PLANT.

Method of generation, hydraulic.

Daily operating period, sunset to sunrise.

Commercial Lighting.

METER RATES:

First 50 kw-hr. 6 cts. per kw-hr.

Next 50 kw-hr. 5 cts. per kw-hr.

All above 100 kw-hr. 4 cts. per kw-hr.

Minimum monthly charge, \$0.50.

FLAT RATES:

For each socket on premises for indoor or sign lighting, 30 cts. per month with privilege of using in each socket an incandescent lamp consuming not more than 60 watts per hour, and an additional charge will be made for any and all lamps used in sockets using over 60 watts per lamp in proportion.

Any person or persons wishing to use lamps consuming over 60 watts per hour shall report to the village clerk, or other person having charge of the electric light department, in writing the number and kind of lamps and the wattage of each, and any person or persons failing to do so shall be liable under the laws as for larceny.

Bills due and payable on or before the 10th day of the month following that in which service was rendered.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

40—100 watt and 11—60 watt, 110 volt, a. c. multiple tungsten lamps, burning all night, every night. Rate \$30 per lamp per year.

ORNAMENTAL:

None.

MERRIMAC.

(Population, 312.)

MERRIMAC ELECTRIC LIGHT & POWER PLANT.

Method of generation, steam power.

Daily operating period, 5 hours.

Commercial Lighting.

Current, 15 cts. per kw-hr.

\$1.00 minimum monthly charge.

Commercial Power.

First 25 kw-hr. used per month 12 cts. per kw-hr.

Over 25 kw-hr. used per month 10 cts. per kw-hr.

Minimum monthly charge, \$1.00.

Penalty of 1 ct. per kw-hr. added to all bills not paid by the 10th of the month.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

14—40 watt, 220 volt, d. c. multiple tungsten lamps, burning upon an every night, midnight schedule. Rate \$12 per lamp per year.

6—60 watt, 220 volt, d. c. multiple tungsten lamps, burning upon an every-night midnight schedule. Rate \$18.00 per lamp per year.

ORNAMENTAL:

None.

MERTON.

(Population, 350.)

WISCONSIN GAS & ELECTRIC COMPANY.

(See rate schedule for Menomonee Falls.)

Street Lighting.

None.

MERTON, TOWN OF

(Waukesha County.)

WISCONSIN GAS & ELECTRIC CO.

(See rural rate schedule for Town of Menomonee.)

Street Lighting.

None.

MERTON, TOWN OF

(Waukesha County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule see M. L. H. & T. Co., Milwaukee, Part II.)

Street Lighting.

None.

MIDDLETON.

(Population, 679.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, 5 a. m. to 12 p. m.

Commercial Lighting.

Minimum quarterly charge, \$1.50.

Current 10 cts. net or 11 cts. gross.

Difference between net and gross rate constitutes discount if bill is paid within 10 days after date.

Commercial Power.

First 150 kw-hr. per quarter 8 cts. per kw-hr.

Second 150 kw-hr. per quarter 6 cts. per kw-hr.

All over 300 kw-hr. per quarter 5 cts. per kw-hr.

Minimum quarterly charge, \$3.00.

Meters are owned by utility.

Street Lighting.**GENERAL:**

24—250. c. p., 6.6 ampere, a. c. series, gas filled tungsten lamps, burned on a dusk to midnight schedule. Current metered.

ORNAMENTAL:

None.

MIFFLIN.

(Population, 255.)

MINERAL POINT PUBLIC SERVICE CO.

(See Mineral Point for rate schedule.)

Street Lighting.

None.

MILTON.

(Population, 833.)

MILTON WATER, LIGHT & POWER COMPANY.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly charge, \$0.75.

Current for incandescent lamps, low tension arc lamps, etc., 20 cts. per kw-hr. for the first 15 kw-hr. and 15 cts. per kw-hr. for all in excess of 15 kw-hr. used in a month.

Above rates are subject to discounts for quantity consumed as follows:

| | | | | |
|------------|-------------------|-----------|----|--------------------|
| Bills from | \$5.00 to \$10.00 | per month | 5 | per cent discount. |
| " | 10.00 " | 20.00 " | 10 | " " " |
| " | 20.00 " | 40.00 " | 15 | " " " |
| " | 40.00 " | 80.00 " | 20 | " " " |
| " | over 80.00 | | 25 | " " " |

Commercial Power.

When the total installation is less than 1 h. p., lighting rates will be charged.

When total installation is 1 h. p. or more, 10 cts. per kw-hr. consumed will be charged.

Minimum monthly charge:

First 1½ h. p. \$0.75, each additional h. p. \$0.50.

A penalty of 1 ct. per kw-hr. will be added to all bills **not paid** by the 20th of the month. If bill is not paid within 60 **days** after becoming due service will be discontinued.

A charge of \$1.00 is made for reconnecting same consumer on the same premises.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

62—40 watt, 110 volt, a. c. multiple tungsten lamps, burning on a moonlight midnight schedule. Rate \$6.15 per lamp per year.

1—60 watt, 110 volt, a. c. multiple tungsten lamp, burning on a moonlight midnight schedule. Rate \$9.22.

ORNAMENTAL:

None.

MILTON JUNCTION.

(Population, 775.)

McGOWAN WATER, LIGHT & POWER CO.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$0.75.

First 10 kw-hr. used per month 21 cts. gross or 20 cts. net per kw-hr.

Next 20 kw-hr. used per month 16 cts. gross or 15 cts. net per kw-hr.

All over 30 kw-hr. per month 11 cts. gross or 10 cts. net per kw-hr.

A discount of 1 ct. per kw-hr. to be allowed for prompt payment.

Commercial Power.

For power service supplied motors of one h. p. or more, the following rates apply:

First 30 kw-hr. used per month 16 cts. gross, 15 cts. net per kw-hr.

Excess kw-hr. used per month 11 cts. gross, 10 cts. net per kw-hr.

Minimum Monthly Bill—Motors under 5 h. p.

Single-phase motors, \$1.00 per h. p.

Three-phase motors, \$1.50 per h. p.

Minimum Monthly Bill—Motors over 5 h. p.

Single-phase, 50 cts. per h. p.

Three-phase, \$1.00.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

39—25 watt, 120 volt, a. c. multiple tungsten lamps, burning on a moonlight midnight schedule. Rate \$7.41 per lamp per year.

ORNAMENTAL:

None.

MILWAUKEE.

(Population, 373,857.)

COMMONWEALTH POWER COMPANY.

Method of generation, steam.

Daily operating period, continuous.

I. STANDARD RATE.

To customers signing the company's standard form of contract providing for service for one year or more, the charge for electric service shall be computed upon the following basis:

Demand Charge:

| | | |
|---------|--|-----------------|
| \$36.00 | per year for each kw. of demand of the first | 10 kw. |
| \$30.00 | " " " " " " | next 50 " |
| \$24.00 | " " " " " " | next 140 " |
| \$18.00 | " " " " " " | in excess 200 " |

Payable in equal monthly installments plus an energy charge as follows:

Energy Charge:

- 4 cts. per kw-hr. for the first 1,000 kw-hr. consumption during month.
- 3 cts. per kw-hr. for the next 3,000 kw-hr. consumption during month.
- 2 cts. per kw-hr. for the next 6,000 kw-hr. consumption during month.
- 1½ cts. per kw-hr. for the next 40,000 kw-hr. consumption during month.
- 1.3 cts. per kw-hr. for all energy consumed during month in excess of 50,000 kw-hr.

The foregoing rate shall apply to all consumers utilizing company's electric service for lighting and receiving free renewals of company's standard lamps.

The foregoing rate less one-half cent per kw-hr. shall apply to all consumers utilizing company's service and not receiving free renewals of company's standard lamps.

CLASSIFICATION OF SERVICE.

Service under the above rate shall be furnished under one of three classes:

- (A) *Electric Lighting:* This service will include electric energy furnished for lamps and other appliances utilized for illumination purposes, except as hereinafter specifically exempted; motors and appliances other than lighting equipment where provided with a starting apparatus designed to limit the initial or starting current to a value not exceeding 2½ times the full load current. alternating current motors of ¼ h. p., when wound for 110 volts, and of ½ h. p. when wound for 220 volts, and direct current motors of 1 h. p. rated capacity, the aggregate rated capacity of such appliances not to exceed 2 kw., will be included in this class when used in connection with lighting equipment and when the connected load of such motors and appliances does not exceed the aggregate rated capacity of lighting equipment.
- (B) *Power:* This service will include (a) electric energy utilized for motive and heating purposes and for miscellaneous lighting service required and utilized incident to the purposes for which the power is used, providing the demand arising from such miscellaneous and incidental lighting service shall not be in excess of 20% of the total simultaneous demand for lighting and power service. (b) Stereopticons, moving picture machines, photographers' arc lamps and rectifiers shall be classed as power equipment.

In office and apartment buildings, miscellaneous lighting service is defined to consist exclusively of hall, corridor, lavatory lighting and the illumination of the mechanical equipment of the building.

- (C) *Combined Lighting and Power Service:* This service will include electric energy specified as "Lighting" (A) and electric energy specified as "Power" (B) where such combination service is supplied through the same meter.

II. DEMAND.

The demand is defined as the greatest rate at which electrical energy is used by the customer within any period of fifteen consecutive minutes during the contract year, subject to the methods of determining demand hereinafter specified.

1. *Assessed Demand.*

For installation of 2 kw. connected or less, the demand shall be assessed as follows:

For lighting installations of 2 kw. connected or less, 100% of the first 300 watts connected plus 66% of the connected load in addition to the first 300 watts shall be deemed the demand.

For power installations of 2 kw. or less, 75% of the total connected load, as indicated by the manufacturer's rating, shall be deemed the demand.

Where the demand is assessed, all sockets not containing lamps shall either be removed or sealed by the company.

Lighting consumers having installations of 2 kw. or less shall purchase service providing for free lamp renewals.

2. *Measured Demand.*

For installations of over 2 kw. the demand shall be measured by permanently installed demand meters, or by monthly readings taken during the normal peak demand of the service. Such readings may be ascertained at the option of the company by counting revolutions of the wattmeter disc, or by printing quarter-hourly readings of the wattmeter, or by graphic recording wattmeter, or by the so-called Wright demand meter.

The maximum demand upon which the monthly charge for power service (see B) is based shall not be less than 75 per cent of the highest demand ascertained during the period of twelve months ended with the current month.

The demand as measured shall be clearly indicated upon the monthly bill, and all memoranda relating to the original reading be filed and become part of the consumer's record.

3. *Temporarily Assessed Demand* (where actual demand cannot be determined at time of commencement of service.)

Where the customer is connected for service during a month during which the maximum measured demand shall be less than the probable demand obtaining during November, December, January or February, the demand will be assessed in accordance with the following rules and such assessed demand will be corrected as soon as the actual demand for the year has been measured and the difference in the demand rate billed upon the assessed or estimated demand and the demand rate based upon the actual or measured demand shall be credited to the consumer or paid by the consumer, as the case may be.

(1) *In Class "I" customers (Lighting Service)* the assessed demand shall be determined as follows:

100 per cent of the first 300 watts connected.

66% per cent of the next 1,700 watts connected.

55 per cent for all in excess of the first 2,000 watts.

Class 1 customers shall include all lighting customers except those designated as class 2.

- (2) *In Class "2"* customers (Lighting Service) the assessed demand shall be determined as follows:

100 per cent of the first 300 watts connected.
 66⅔ per cent of the next 1,700 watts connected.
 40 per cent for all in excess of the first 2,000 watts.

Class "2" customers shall consist of federal and county buildings, churches and missions, hotels and clubs, factories (including small industrial establishments such as machine shops, carpenter shops, blacksmith shops, tin shops, and cigar factories, closing not later than 6 p. m.), private and parochial schools, grain and tobacco elevators and warehouses, freight and storage warehouses, stables, both private, boarding and livery, and furniture stores occupying two or more floors above street level.

- (3) *In Class "3"* (Power Service) the assessed demand shall be determined as a percentage of the total connected load as indicated by the manufacturer's rating.

Where installations are under 10 h. p.75%
 Where installations are over 10 h. p. and less than
 50 h. p.65%
 Where installations are over 50 h. p.55%

III. MAXIMUM RATE OF CHARGE FOR LIGHTING.

The maximum rate of charge for "Electric Lighting Service" (See A) under any one month shall not exceed

| | |
|-----------------------------------|--------------------|
| First 200 kw-hr. during any month | 10 cts. per kw-hr. |
| Next 200 " " " " | 8 " " " |
| Next 200 " " " " | 6 " " " |
| All over 600 " " " " | 4 " " " |

The foregoing rate shall include lamp renewals. Where consumer purchases electric current without free renewals of incandescent lamps, the foregoing rate shall be reduced ½ ct.

A minimum monthly bill shall be charged of one dollar to cover such expenses occasioned by the individual consumer as billing, inspecting and maintaining meter, etc. In addition to such a minimum bill, a charge of 25 cts. per month shall be made for each glower of each nernst lamp installed, and \$1.50 for each arc lamp installed.

IV. OPTIONAL OR INCREMENT RATE FOR POWER SERVICE.

To customers contracting on company's standard form to use service specified as power for periods of one year or more and who actually so use such service, the charge for electric power service shall be computed at rates as follows:

| | |
|--|-------------------|
| First 200 kw-hr. consumed during month | 6 cts. per kw-hr. |
| Next 200 " " " " | 5 " " " |
| Next 200 " " " " | 4 " " " |
| Next 1400 " " " " | 3 " " " |

All energy consumed per month in excess of 2,000 kw-hr. 2 cts. per kw-hr.

The foregoing optional rate for electric power service does not include renewals of any incandescent lamps.

The standard prompt payment discount applies to all customers served at the foregoing rate and the standard discount for three year contract, applies to customers contracting for service and using the same for periods of three years or more.

A minimum bill shall be charged under the above rate of \$1.50 for an installation of 2 h. p. or less, nominal rated capacity, plus 75 cts. for each additional h. p. or fraction thereof (or \$1.00 per kw.) nominal rated capacity.

V. DISCOUNT FOR PROMPT PAYMENT AND LONG TERM CONTRACT.

Upon both the demand rate and limiting schedule a discount will be allowed for prompt payment aggregating 5% of the first \$25.00 and 1% of the additional amount in excess of \$25.00.

Contracts for three years or more will carry in addition a discount of 2% from current monthly bills during the second year, plus 2% on bills paid during the first year; 5% from current monthly bills, during the third year plus 3% on bills paid during the first and second years; 5% from all bills during the fourth and each succeeding year.

VI. SHORT TIME RATES.

A. COMMERCIAL LIGHTING SERVICE.

First 200 kw-hr. during any month 10 cts. per kw-hr.

Next 200 " " " " 8 " " "

Next 200 " " " " 6 " " "

All over 600 " " " " 4 " " "

(a) The foregoing rate includes free renewals of company's standard incandescent lamps and renewal allowances on tungsten or other special lamps.

(b) When free renewals of company's standard lamps or renewal allowances on tungsten or other special lamps are not obtained by customer, contract for service shall be endorsed "without lamp renewals," and the foregoing rate shall be reduced one-half cent per kw-hr.

(c) The foregoing rate is subject to a minimum monthly payment of one dollar.

B. POWER SERVICE.

First 200 kw-hr. during any month 6 cts. per kw-hr.

Next 200 " " " " 5 " " "

Next 200 " " " " 4 " " "

All energy in excess of 600 kw-hr. during any month 3 cts. per kw-hr.

(a) For reconnection of meter for the same customer upon the same premises, a charge of \$1.50 shall be made.

(b) The foregoing rate is subject to a minimum monthly payment of \$1.50 for an installation of 2 h. p. or less nominal rated capacity, plus 75 cts. for each additional h. p. or fraction thereof of nominal rated capacity.

(C) APPLICATION OF RATES.

1. The foregoing rates shall apply to all customers using and paying for service during any term of less than one year.

2. Customers purchasing regular service under any of the company's regular rates, may purchase special, auxiliary, and temporary service at foregoing rates, subject to the following conditions:

(a) Customers shall execute company's regular form of contract for short term service.

(b) Customers shall wire for such temporary, auxiliary or special service separately to company's service connection or point where company's regular service meters are installed, and shall provide necessary meter loops for meters to register service contracted for at foregoing rates.

(c) Customers shall pay company \$1.50 to cover cost of installation and removal of meter for registering short term service.

(d) Lighting service purchased at foregoing rates for use in conjunction with service purchased under other schedules of rates shall be confined to such uses as are temporary or special in nature, such as holiday, window and outline lighting, special

signs, celebrations, festivals, etc., and where the wiring used in connection with such lighting is removed at the close of the special season or celebration or immediately after the discontinuance of the special service purchased under the foregoing rates.

Lighting service at foregoing rates not falling within the above classification shall not be supplied in conjunction with other service supplied under contracts covering a term of one year or more.

3. Customers purchasing service at Short Time Rates shall reimburse the company for the cost of installing or increasing capacity of and removing, service connections, transformers or other equipment required especially by such customers.

VII. CONNECTION—FIXTURES.

The company will lease appliances, fixtures and equipment to the customer at rentals, based on 15% per annum of the value of the equipment.

To entitle the customer to free renewals of company's standard carbon filament lamps, or to allowances on the renewals of tungsten or other special lamps, the first installation of such lamps or any increase thereof, shall be purchased from the company by the customer at the company's published prices.

VIII. RECONNECTION OF SERVICE.

For the reconnection of the meters a charge of \$1.50 is made.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

ORNAMENTAL:

75 posts, 8 posts to block; 1—10 ampere, a. c. series arc lamp on each post; lamps burn every night from dusk to midnight. Rate 15 cts. per front foot per month. System installed by utility. Merchants pay monthly charge. Cost of maintenance borne by utility.

MILWAUKEE.

MILWAUKEE LIGHT, HEAT & TRACTION COMPANY.

PART I.

Applicable at *Racine, South Milwaukee, Cudahy, Wauwatosa, West Allis, St. Francis, West Milwaukee, East Milwaukee, Whitefish Bay, East Troy, Mukwonago, Waterford, Rochester, Hales Corners, St. Martins*, and in the townships of *Milwaukee, Wauwatosa, Greenfield, Lake and Brookfield, Milwaukee County*.

I. STANDARD RATE.

To customers signing company's standard form of contract, providing for service for one year or more, the charge for electric service shall be computed on the following basis:

Demand Charge: (Payable in equal monthly installments.)

\$42.00 per year for each kw. of demand of the first 10 kw.

\$30.00 per year for each kw. of demand of the next 50 kw.

\$24.00 per year for each kw. of demand of the next 140 kw.

\$18.00 per year for each kw. of demand in excess of 200 kw.

All plus an energy charge as follows:

Energy Charge:

- 4 cts per kw-hr. for the first 1,000 kw-hr. consumption during month.
- 3 cts. per kw-hr. for the next 3,000 kw-hr. consumption during month.
- 2 cts. per kw-hr. for the next 6,000 kw-hr. consumption during month.
- 1½ cts. per kw-hr. for the next 40,000 kw-hr. consumption during month.
- 1.3 cts. per kw-hr. for all energy consumed in any month in excess of 50,000 kw-hr.

The foregoing rate shall apply to all consumers utilizing company's electric service for lighting and receiving free renewals of company's standard lamps.

The foregoing rate less one-half cent per kw-hr. shall apply to all customers utilizing company's service and not receiving free renewals of company's standard lamps.

(A) ELECTRIC LIGHTING:

1. This service will include:
 - (a) Electric energy furnished for lamps and other appliances utilized for illumination purposes, except as hereinafter specifically exempted.
 - (b) Motors and appliances other than lighting equipment where provided with a starting apparatus designed to limit the initial or starting current to a value not exceeding 2½ times the full load current, alternating current motors of ¼ h. p., when wound for 110 volts, and of ½ h. p. when wound for 220 volts, the aggregate rated capacity of such appliances not to exceed 2 kw. will be included in this class when used in connection with lighting equipment and when the connected load of such motors and appliances does not exceed the aggregate rated capacity of lighting equipment.
2. Should the conditions of use of customer's demand be obviously such that he would never earn a lower rate under the Standard than under the Increment Rate Schedule, the Increment Rate Schedule set forth in Section II hereof shall apply. (Contract Form No. 759.) The Increment Lighting Schedule is optional with the Standard Rate.
3. In the application of the Standard Rate one integrating watt meter only shall be provided for the measurement of energy, unless accuracy of measurement requires the installation of more than one meter. Where demand meters are installed only one set of meters shall be used, and the arithmetical sum of their readings shall be used in computing demand.
4.
 - (a) Exclusive lighting customers having installations of 2 kw. or less shall purchase service providing for free lamp renewals.
 - (b) In exclusive lighting installations of more than 2 kw. connected, it is optional with the customer whether he shall take the rates providing for free lamp renewals.
 - (c) In exclusive lighting installations of more than 2 kw. connected and where customer desires to contract for service without free lamp renewals the energy charge shall be ½ ct. per kw-hr. less than that provided above and Contract Form Number 19385 shall be endorsed "Without Renewals of Lamps."
5. The maximum rate of charge for energy for lighting service is set forth in Section II.

(B) POWER.

1. This service will include:

(a) Electric energy utilized for motive and heating purposes, and miscellaneous lighting service, where the demand arising from such miscellaneous lighting service shall not be in excess of 20% of the total simultaneous demand for lighting and power service.

(b) Stereopticons, moving picture machines, photographer's arc lamps and rectifiers shall be classed as power equipment.

2. In the practical application of the Standard Rate, it is found that customers divide themselves generally into two classes—one in which the demand and hours use is so small that they receive no advantage under the Standard Rate, and the other class in which the Standard Rate results in a lower unit cost than the Increment Schedule. In the case of Unlimited, or On-Peak Service, all contracts for demands of 60 kw. or less and requiring an average use of the demand of about 215 hours per month should be written under the Increment Rate Schedule (Contract Form No. 1960). Contracts for demands in excess of 60 kw. and 215 hours' use per month should be written under the Standard Rate (Contract Form No. 1968-S).

3. Where service for lighting or other application requiring single-phase current is desired by customer, to be supplied through meter measuring energy as polyphase power service, the unbalancing of the phases of the polyphase service arising from the use of the service for lighting or other purposes shall not exceed 10% of the demand in kw. contracted for or measured. The power-factor of such unbalanced single-phase load shall not be less than 75%. Should customer's demand for single-phase service exceed the above, the same shall be divided as nearly as practicable to obtain a balanced condition of the polyphase service. Customer may contract for single-phase requirements in excess of 10% of polyphase demand as a separate single-phase service. Where miscellaneous lighting service is supplied through the same meter as "Power" service (B), customer shall be required to supply apparatus for rendering available 120 volts for lighting service, if such be required.

4. *Optional or Increment Rate for Power Service.* To customers contracting on company's standard form to use service specified as power for periods of one year or more and who actually so use such service the charge for electric power service shall be computed as follows:

First 200 kw-hr. consumed during month 6 cts. per kw-hr.

Next 200 " " " " 5 " " "

Next 200 " " " " 4 " " "

Next 1400 " " " " 3 " " "

All energy consumed per month in excess of 2,000 kw-hr. 2 cts. per kw-hr.

(a) the foregoing rate does not include renewal of any incandescent lamps.

(b) The foregoing rate is subject to the minimum monthly payments specified in Section II, (B), 3.

The foregoing rate is subject to the standard prompt discount, VI.

(C) COMBINED LIGHTING AND POWER SERVICE.

This service will include electric energy specified as "Lighting" (A), and electric energy specified as "Power" (B), where such combination service is supplied through the same meter.

SPECIAL SERVICES.

(D) LIMITED OR OFF-PEAK SERVICE.

The foregoing rates for "Lighting" service (see A), "Power" service (see B) and "Combined Lighting and Power" service (see C.), less one-half the demand charge, shall apply to customers contracting to utilize and utilizing the service only at times during the calendar day other than during the hours of the months, specified as follows:

| Month | Hours during which service shall not be used |
|----------------|--|
| October | 5:30 p. m. to 7 p. m. |
| November | 5:00 p. m. to 7 p. m. |
| December | 4:30 p. m. to 7 p. m. |
| January | 4:40 p. m. to 7 p. m. |
| February | 5:20 p. m. to 7 p. m. |
| March | 6:00 p. m. to 7 p. m. |

(a) In case customer desires to use service during the specified "off-peak" hours and upon giving the company one hour's notice of such intent, he shall be permitted to use service on any day of the week except Saturday and Sunday and for each day power is so used customer shall pay:

| | | |
|-------------------------------------|---------|--------|
| For each kw. of demand of the first | 10 kw. | \$0.17 |
| " " " " next | 50 kw. | .12 |
| " " " " 140 kw. | 140 kw. | .10 |
| " " " " excess | | .07 |

The demand so paid for shall be that as measured if it exceeds the "off-peak" demand contracted for or otherwise paid for during the current month.

1. Customers shall install and maintain in operating condition an automatic time switch of the type approved by the company.
2. Service under the off-peak schedule for demands of less than 10 kw. will not be solicited or recommended, but will be sold on application. The saving to the customer is small and the complication introduced greater than that warranted by the saving in cost of service.
3. In many cases, customers signing limited service contracts will require some service for lighting during the hours that service is not available under this schedule. In such cases contract shall include a small demand under the unlimited service schedule, and all energy supplied under both schedules shall be measured by one meter. In computing the demand charge and the application of the four steps of the demand charge thereto, the demand charge for the unlimited service shall first be computed, and the charge for limited service shall be continuous thereafter; for example, if the customer contracts to purchase 10 kw. of unlimited service and 50 kw. of limited service, the monthly demand charge is computed as follows:

| | |
|------------------------|---------|
| 10 kw. at \$3.50 | \$35.00 |
| 50 kw. at \$1.25 | 62.50 |

4. Limited or off-peak service shall be sold only on annual contracts. On-peak service to supplement off-peak service during the off-peak hours shall not be sold at the short time or increment rate.

(E) TEN-SEVEN SERVICE.

The foregoing rates for "Power" service "B" less three-fourths of the demand charge shall apply to all customers contracting to utilize and utilizing the company's service only during the hours 10:00 p. m. to the following 7:00 a. m. Customer shall install

and maintain in operating condition an automatic time switch of the type approved by the company.

1. Contract Form No. 1971-S shall be used for "Ten-Seven" power service.

(F) UNLIMITED BREAK-DOWN SERVICE.

The foregoing rates for "Lighting and Power" service (C), under Unlimited Service, shall apply for breakdown or emergency service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the company. It shall be set to open when the demand exceeds 125 per cent of the kilovolt-ampere demand contracted for.

1. Contract Form No. 1969-S shall be used for "Unlimited Break-down Service.

(G) LIMITED BREAK-DOWN SERVICE.

The foregoing rates for "Lighting and Power" service (C) under Limited or Off-Peak Service, shall be furnished for break-down or emergency service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the company. It shall be set to open when the demand exceeds 125 per cent of the kilovolt-ampere demand contracted for.

II. MAXIMUM RATE FOR LIGHTING SERVICE AND MINIMUM PAYMENTS.

(A) MAXIMUM RATE FOR LIGHTING SERVICE.

1. The maximum rate of charge for commercial electric lighting service (Section 1 (A)) during any month shall not exceed:

First 200 kw-hr. during any month 10 cts. per kw-hr.

Next 200 " " " " 8 " " "

Next 200 " " " " 6 " " "

All over 600 " " " " 4 " " "

2. The foregoing rate is subject to prompt payment discount and includes free renewals of company's standard carbon filament lamps and renewal allowances on tungsten or other special lamps.
3. Customers may purchase service without lamp renewals, in which case these rates per kw-hr. will be reduced $\frac{1}{2}$ ct.
4. The foregoing limitation of the maximum rate of charge for commercial electric lighting service applies only to exclusively commercial lighting customers and shall not apply to any customer purchasing service for combined lighting and power break-down service, or combined unlimited and limited service.

(B) MINIMUM MONTHLY PAYMENTS.

1. The minimum monthly payment to be made by any customer, except customers purchasing exclusively electric lighting service, or power service at the Optional or Increment Power Rate, shall be the monthly installment of the annual demand charge.
2. A minimum monthly bill shall be charged of one dollar to cover such expenses occasioned by the individual consumer as billing, inspecting and maintaining meter, etc. In addition to such a minimum bill, a charge of 25 cts. per month shall be made for each glower of each nernst lamp installed, and \$1.50 for each arc lamp installed.
3. A minimum monthly bill under the Optional or Increment Rate for power shall be charged at \$1.50 for an installation of 2 h. p.

or less, nominal rated capacity, plus 75 cts. for each additional h. p. or fraction thereof (or \$1.00 per kw.) nominal rated capacity.

4. A minimum monthly bill for any power customer having an installation of 2 h. p. or less, and purchasing service either under the Standard Rate or under the Optional or Increment Rate shall be charged \$1.50.

III. MEASUREMENT OF DEMAND.

The demand is defined as the greatest rate at which electrical energy is used by the customer within any period of fifteen consecutive minutes during the contract year, subject to the methods of determining demand hereinafter specified.

(A) LIGHTING SERVICE.

1. For lighting installations of 2 kw. or less, the demand shall be assessed as 100% of the first 300 watts, plus 66% of the connected load in addition to the first 300 watts.
2. Where the demand is assessed all sockets not containing lamps shall either be removed or sealed by the company or counted at 50 watts each.
3. For installations of over 2 kw. the demand shall be measured by permanently installed demand meters, or by monthly readings taken during the normal peak demand of the service. Such readings may be ascertained at the option of the company by counting revolutions of the watt-meter disc, or by printing quarterly hourly readings of the watt-meter, or by graphic recording watt-meter, or by the so-called Wright demand meter.

(B) POWER SERVICE.

1. The maximum demand upon which the monthly charge for power service (See B) is based shall not be less than 75 per cent of the highest demand ascertained during the period of twelve months ended with the current month.
2. For power installations of 2 kw. connected or less, the demand shall be assessed as 75% of the connected load, as indicated by the manufacturer's rating.
3. Where it is found that customers power consuming devices operate at a power factor of less than 75% (ratio of true watts to the apparent watts as measured by watt-meter and ampere meter and voltmeter respectively) the demand charges under the Standard Rate shall be based upon 75% of the apparent watts as determined by voltmeter ampere-meter measurements.

(C) TEMPORARY ASSESSMENT OF DEMAND.

In installations in excess of 2 kw. connected, where customer is connected for service during a month during which the maximum measured demand shall be less than the probable demand obtaining during November, December, January or February, the demand will be assessed in accordance with the following rules, and such assessed demand will be corrected as soon as the actual demand for the year has been measured and the difference in the demand rate billed upon the assessed or estimated demand and the demand rate based upon the actual or measured demand shall be credited to the customer or paid by the customer as the case may be.

1. In Class "1" customers (Lighting Service) the assessed demand shall be determined as follows:

- 100 % of the first 300 watts connected;
- 66% of the next 1700 watts connected;
- 55 % for all in excess of the first 2000 watts.

Class 1 customers shall include all lighting customers except those designated as Class 2.

2. In Class "2" customers (Lighting Service) the assessed demand shall be determined as follows:
 - 100 % of the first 300 watts connected;
 - 66⅔ % of the next 1700 watts connected;
 - 40 % for all in excess of the first 2000 watts.
- Class 2 customers shall consist of federal and county buildings, churches and missions, hotels, and clubs, factories (including small industrial establishments such as machine shops, carpenter shops, blacksmith shops, tin shops and cigar factories, closing not later than 6 p. m.), private and parochial schools, grain and tobacco elevators and warehouses, freight and storage warehouses, stables and garages, both private, boarding and livery, and furniture stores occupying two or more floors above street level.
3. In Class 3 (Power Service) the assessed demand shall be determined as a percentage of the total connected load as indicated by the manufacturer's rating:
 - Where installations are under 10 h. p., 75%;
 - Where installations are over 10 h. p., and less than 50 h. p., 65%.
 - Where installations are over 50 h. p., 55%.
4. If customer's connected load is permanently decreased the Demand Charge should be reduced accordingly. Where customer's connected load is 2 kw. or less, the demand shall be re-assessed. If customer's load is in excess of 2 kw. the demand is determined by measurements and the time at which the change in connected load occurs will influence the basis upon which the new Demand Charge will be determined. If the customer's connected load is reduced prior to December 15th, of the customer's contract year, the demand may be re-measured and the new demand so ascertained be taken as the basis of the Demand Charge for the remaining portion of the customer's contract year. If the customer's installation be reduced subsequent to December 15th of the customer's contract year, then the new Demand Charge shall be determined upon the basis of the temporary assessed demand, as provided in the preceding paragraphs, and such assessed demand will continue to be the basis upon which the customer shall be billed for service until a new demand shall be ascertained by measurement during the months of November, December, January and February.

IV. RESIDENCE LIGHTING SERVICE.

To customers contracting for residence electric service with free lamp renewals of the company's standard lamps for periods of one year or more, the following rates shall apply:

- *(A) Primary charge of 11 cts. per kw-hr. for:
 - (1) The first 4 kw-hr. consumed per month for each of the first 4 active rooms.
 - (2) The first 2½ kw-hr. consumed per month for each of the active rooms in addition to the first 4.
- All rooms, except the following shall be computed as active: 3 rooms, (which are primarily or may be used as bed rooms, including therein finished attic or garret rooms), bath rooms, basements, garrets, closets and back porch.
- (B) Secondary charge of 5 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate in (A), up to a total of 7 kw-hr. consumed per month per active room.
- (C) Tertiary charge of 2 cts. per kw-hr. for all energy consumed per

* A primary charge of 10 cts. per kw.-hr. is applicable in the cities and villages of Wauwatosa, West Allis, East Milwaukee, West Milwaukee, Whitefish Bay, town of Milwaukee, town of Wauwatosa, town of Greenfield, and town of Lake.

month in excess of that paid for at the primary rate (A), and the secondary rate (B), or for all energy consumed in excess of 7 kw-hr. per active room per month.

1. The quantity of energy paid for at the primary rate (A) is not included in the energy computed at the secondary rate (B) or at the tertiary rate (C).

A customer occupying a house containing six active rooms and utilizing service for lighting and cooking might have an energy consumption for the month of 120 kw-hr. and would have his bill for such consumption computed as follows:

4 active rooms at 4 kw-hr. per active room 16 kw-hr.
2 active rooms at 2½ " " " " 5 "

| | | | |
|---|-----|---|--------|
| Total at 11 cts. per kw-hr..... | 21 | " | \$2.31 |
| Total at 5 cts. per kw-hr..... | 21 | " | 1.05 |
| (difference between 7 kw-hr. per active room—42 kw-hr.—and the amount paid for at primary rate—21 kw-hr.) | | | |
| Total at 2 cts per kw-hr. (120—42) | 78 | " | 1.56 |
| Total for month | 120 | " | 4.92 |
| Prompt payment discount | | | .25 |

Net bill

\$4.67

Average rate per kw-hr. 3.89 cts.

2. In determining the number of active rooms, all rooms, whether containing lights or not, shall be counted except the following: Three rooms (which are primarily or may be used as bed rooms, including therein finished attic or garret rooms), bathrooms, basements, garrets, closets and back porch.
3. A room used as a children's nursery or workroom and containing a couch, sometimes used as sleeping quarters, is not classed as a bed room.
4. Halls and hallways used and furnished as reception and living rooms and having an area in excess of 120 square feet are classed as active rooms.
5. A part of a room not cut off by partition and door and which is generally known as an alcove, shall not be counted as an additional room, unless it is furnished and used for a distinctly different purpose or its area exceeds 33⅓% of the total area of the room and alcove.
6. Front, side and back porches, with or without lights, are not classed as active.

Back porches are specifically excepted in rate schedules, as in many cases they are enclosed and used as a summer kitchen or dining room, and as such might be taken as a room.

7. Where service for a barn or garage is supplied through the same meter as that through which service for the residence is supplied, all active rooms in garage or barn are added to those of the house and the rate applied.
8. Where separate meters are supplied, a garage or barn shall be treated as a separate residence.
9. All classes of domestic heating and power-consuming devices may be supplied through the meter by which lighting service is measured, in which case this rate shall apply.

Battery charging outfits, refrigerating outfits, nonportable air compressors or vacuum cleaners or similar apparatus not in use between the hours of 4:30 p. m. and 8:30 p. m. may also be supplied through the residence meter.

Motors and other power consuming devices, when connected to residence service meter, must conform to the following rule:

All such motors and devices must be equipped with starting or regulating apparatus to limit automatically the initial current in starting, to amount not exceeding $2\frac{1}{2}$ times the full load current, as determined by manufacturer's rating. Motors or other devices having a rated capacity greater than $\frac{1}{2}$ kw. shall be wound for 240 volts and customer shall arrange building wiring and meter loops for three-wire service and meter.

10. Elevators and wireless telegraph apparatus, using service intermittently, shall not be supplied at residence rates or from residence service connections. Such apparatus must be supplied from power mains and where a special extension of power service is required, customer shall pay the cost of the necessary extension in accordance with the rules of the company governing new extension of service. Customer shall contract for service for such apparatus at the company's regular power rates.
 11. In apartment houses, each apartment shall be classed as a separate residence. The public portions of the building, such as hallways, elevator cars and enclosures, public dining rooms, and kitchens, pantries, etc., connected therewith, shall be treated separately. Service for such portions of the building may be purchased under either the Residence Rate (IV) or the Standard Commercial Lighting Rate (1-A), at the option of the purchaser. If service is furnished under the Residence Rate (IV), the energy to be paid for monthly at the primary rate shall be computed on the basis of one active room per floor (exclusive of basement), multiplied by the number of main entrances to the building plus the rooms used as kitchens, building storerooms, pantries, dining rooms and offices. The active rooms in janitor's quarters if supplied through the same meter as public portions of the buildings, shall be added. Janitor's quarters metered separately shall be treated as a separate residence.
 12. The residence schedule shall not be applied to any apartment house wherein the landlord or agent is billed for the entire service consumed in the building and rebills the service to the occupants of the apartments. In such case the increment lighting rate and contract form No. 759 shall be used.
 13. The residence schedule shall not be applied to customers whose practice is to have service cut off during the summer months; it shall be applied only to those who sign contracts providing for service by the year, and who pay at least the minimum monthly payments provided for in the contract. When company is unable to read meter for any month, or months, the quantity of energy to be paid for monthly at the primary rate shall be increased pro rata.
 14. Customers occupying a portion of a business building as a residence may combine residence service with commercial lighting service through one meter. In no case, however, shall the Residence Rate be combined with the Commercial Lighting Rates and Residence Rate cannot be applied to such combination service.
- (D) MINIMUM PAYMENTS.

To customers executing company's standard form of residence lighting contract at foregoing rates and using the service for periods of one year or more, the minimum charge shall be 50 cts. per month net.

V. FLAT RATE DISPLAY LIGHTING.

Company will sell service for Flat Rate Display Lighting controlled by company on yearly contracts, on the following basis of monthly payments:

| | Dusk to 11 p. m. | Dusk to 12 p. m. |
|---|---------------------|---------------------|
| Rated consumption of lamps installed | 1850 hrs. | 2200 hrs. |
| 200 watts or less | \$1.93 | \$2.17 |
| 300 watts | 2.90 | 3.25 |
| 400 watts | 3.87 | 4.33 |
| 500 watts | 4.83 | 5.42 |
| 600 watts .. | 5.80 | 6.50 |
| 700 watts | 6.78 | 7.58 |
| 800 watts | 7.73 | 8.67 |
| 900 watts | 8.70 | 9.75 |
| 1.0 kilowatts | 9.67 | 10.83 |
| 1.5 kilowatts | 14.50 | 16.25 |
| 2.0 kilowatts | 19.33 | 21.67 |
| 2.5 kilowatts | 24.17 | 27.08 |
| 3.0 kilowatts | 29.00 | 32.50 |
| 3.5 kilowatts | 33.83 | 37.92 |
| 4.0 kilowatts | 38.67 | 43.33 |
| 4.5 kilowatts | 43.50 | 48.75 |
| 5.0 kilowatts | 48.33 | 54.17 |
| 6.0 kilowatts | 58.00 | 64.00 |
| 7.0 kilowatts | 66.87 | 73.00 |
| 8.0 kilowatts | 75.00 | 82.00 |
| 9.0 kilowatts | 83.13 | 91.00 |
| 10.0 kilowatts | 91.25 | 100.00 |

1. The foregoing flat rates include renewals of carbon filament lamps only and include no other maintenance.
2. Company will contract for Flat Rate Display Lighting burning during hours other than those specified above, but not less than 1,100 hours per year and the monthly bill therefor shall be computed as 1/12 of the annual bill determined by the application of the Standard Rate.
3. (a) Company will supply and install on yearly contracts renewals of Mazda sign lamps for flat monthly charge of 4 cts. per lamp installed. The foregoing applies to flat rate display lighting, or to the equivalent display lighting supplied on a meter basis, providing service is used not to exceed 2,250 hours per year; for such service as is used in excess of 2,250 hours per year, the renewals will be furnished at a proportionately increased monthly charge per lamp. The customer shall purchase from the company the first installation of such lamps and all increases thereof, at the company's regular prices.
 - (b) In case consumer wishes to supply Mazda sign lamps in lieu of the carbon lamps the renewals of which are furnished without charge by the company, consumer may do so and receive a reduction in the rate for service of \$0.75 and \$0.90 per month per kilowatt of capacity of Mazda lamps for 11 o'clock and 12 o'clock burning, respectively.
 - (c) Company will supply plain Mazda, 5 watt, 12 to 13 volt sign lamps, and supply renewals thereof, at a charge equivalent to \$12.00 per month per kilowatt of rated consumption of lamps installed. This charge is to be added to the contract rates, after deducting the allowance for carbon lamps.

Plain Mazda 2½ watt, 12 to 13 volt sign lamps will be similarly supplied at a charge equivalent to \$24.00 per month per kilowatt of rated consumption of lamps installed.

4. Where flashers are installed on signs, the demand and use of lamps on circuits controlled by the flasher shall be taken at 75% of the rated consumption of such lamps.
5. (a) The company will contract to inspect, clean and paint signs once a year, put all renewals in place, and maintain flasher, if any, for 1 cent per month for each 10 watt carbon or 5 watt Mazda lamp contained in sign.
(b) On contracts providing for the renewals of Mazda sign lamps in accordance with paragraph 3 (a) hereof, company will contract to inspect, clean and paint signs once a year and maintain flasher, if any, for ½ cent per month for each 5 watt Mazda, and 1 ct. per month for each 2½ watt Mazda lamp contained in sign.

VI. DISCOUNT FOR PROMPT PAYMENT.

1. On bills paid at office of company or its authorized collection agencies within ten days of date of bill, a discount of 5 per cent of the first \$25.00 of all bills and 1 per cent on amounts in excess of \$25.00 will be given.
2. On bills for electric service supplied to the federal, county and city governments, paid at the office of the company, or its authorized collection agencies, within 60 days of date of bill, the prompt payment discount, provided for in the contract under which such service is sold, will be allowed.

VII. SHORT TIME RATE.

To customers obtaining service for periods of less than one year, the charge for electric service shall be computed according to the increment rate schedules Section I, (B—4), and Section II (A) and (B), with the prompt payment discount set forth in section VI, viz.:

(A) COMMERCIAL LIGHTING SERVICE.

| | | |
|--------|-----------------------------|--------------------|
| First | 200 kw-hr. during any month | 10 cts. per kw-hr. |
| Second | 200 " " " " | 8 " " " |
| Third | 200 " " " " | 6 " " " |

All energy in excess of 600 kw-hr. during any month 4 cts. per kw-hr.

- (a) Including renewals of company's standard incandescent lamps and renewal allowances on tungsten or other special lamps.
- (b) Excluding free lamp renewals, the foregoing shall be reduced ½ ct. per kw-hr.

(B) RESIDENCE LIGHTING SERVICE.

- (a) To customers obtaining residence electric service for periods of less than one year, the rate per kw-hr. for such service, subject to the minimum monthly payment of 50 cts. during any month, shall not exceed 11 cts.
- (b) This rate includes the free renewals of company's standard incandescent lamps and allowance on tungsten or other special lamps.
- (c) For the reconnection of the same customer on the same premises, a charge of \$1.50 will be made.

(C) POWER SERVICE.

| | | |
|--------|-----------------------------|-------------------|
| First | 200 kw-hr. during any month | 6 cts. per kw-hr. |
| Second | 200 " " " " | 5 " " " |
| Third | 200 " " " " | 4 " " " |

All energy in excess of 600 kw-hr. during any month, 3 cts. per kw-hr.

- (a) For the reconnection of meter for the same customer upon the same premises, a charge of \$1.50 shall be made.

- (b) The foregoing rates are subject to the minimum monthly payments specified in Section II.
- (D) The company shall be re-imbursed for any special investment which it requires to make in supplying service under short time rates.

VIII. RENEWALS OF STANDARD INCANDESCENT LAMPS.

1. To entitle customers to free renewals of company's standard carbon filament incandescent lamps or to allowances on the renewals of tungsten or other special lamps, the first installation of such lamps or any increase thereof shall be purchased from the company by the customer at the company's published prices.

IX. RENTAL OF METERS.

- (A) In case the consumer desires integrating watt meters installed to measure the consumption of electrical energy by various floors, departments or tenants, company will install such meters upon yearly contracts and charge therefor the following:

| Size and type of meter | Charge for Installation | | Annual rental charge payable in 12 equal monthly installments or otherwise as agreed upon |
|--|-------------------------|---|---|
| | One meter | Additional meters installed at same time as first meter, each | |
| <i>Single phase</i> | | | |
| 10 amp. and smaller | \$1.25 | \$0.50 | \$3.00 |
| 15 amp. to 75 amp. | 1.75 | 0.75 | 6.00 |
| 100 amp. to 300 amp. | 3.25 | 1.00 | 12.00 |
| <i>3 phase and 600 volt d. c. meters</i> | | | |
| 5 amp. to 25 amp. | \$1.75 | \$1.00 | \$6.00 |
| 50 amp. to 150 amp. | 3.25 | 1.25 | 12.00 |

The company will not obligate itself to supply the readings of the individual meters, nor assume any responsibility for their accuracy.

- (B) Should customers desire any rented meters tested and report thereon made, the company will make such test and report and charge therefor the following:

Charge for Testing and Report

| Size of meter | One meter | Additional meters tested at same time as first meter, each |
|---------------------|-----------|--|
| 5-25 ampere | \$2.25 | \$1.00 |
| 40-150 ampere | 2.75 | 1.50 |

X. BASIS UPON WHICH APPLIANCES, FIXTURES AND EQUIPMENT WILL BE SOLD OR RENTED.

1. Company will lease appliances, fixtures and equipment to electric service customers at rental charges based upon not less than 15% per annum of the cost or present value of such appliances, fixtures or equipment. The cost, where known, shall in every case be used as a basis for determining the rental

charges. Where the cost is not known, the market price, as determined by bona fide quotations, shall be used as the basis for computing such rentals.

2. Appliances, fixtures or equipment rented or leased from the company shall be maintained and repaired by the customers.

XI. RULES CONCERNING CUSTOMERS' DEPOSITS.

(Applicable at Racine only)

1. Customers who have no established credit rating are required to furnish a financially responsible guarantor, or make a cash deposit equal in amount to two months estimated bills. Minimum deposits in all cases to be \$5.00.
2. Customers operating moving picture houses or securing similar service for other businesses may reduce the required deposit by entering into an agreement to pay weekly an estimated bill and by granting the company the privilege to disconnect service upon failure to pay such estimated weekly bill on demand; such customers, upon making such agreement, shall deposit an amount equal to one-half of their estimated monthly bill.
3. Customers who shall have failed to make full payment to the company of all previous service bills are required to pay all such bills before service will be furnished.
4. Customers who shall have failed to make full payment to the company of all previous service bills are also required to make the cash deposit specified in rule "1."
5. Interest at the rate of 5% per annum will be paid on renewal or withdrawal of deposit.

For rules applying to all other localities served by this company see Section IX of Part II below.

Meters are owned by the utility. No charge is made for connecting consumer's premises with lines.

XII. RATE SCHEDULE FOR WATER POWER SERVICE.

- (A) To customers signing the company's standard form of contract providing for service for three years or more, the charge for water power shall be as follows:

Demand Charge. (Payable in equal monthly installments.)

\$20.00 per year for each kw. of demand of first 200 kw.

15.00 per year for each kw. of demand of next 800 kw.

12.00 per year for each kw. of demand in excess of 1000 kw.

All energy consumed per month at .004 per kw-hr.

- (B) PROMPT PAYMENT DISCOUNT.

On bills paid at the office of company within 10 days of date of bill, a discount of 5 per cent of the first \$25 of all bills, and 1 per cent of amounts in excess of \$25 will be given.

- (C) CONDITIONS OF DELIVERY.

1. The company will deliver water power in form of three phase alternating current, at a frequency of approximately 25 cycles, at a pressure of approximately 13,200 volts, or other transmission voltage.
2. Delivery will be made in quantities of not less than 200 kilowatts. Customer is required to furnish transformers, switchboard and switching apparatus, and lightning protection, of type to be approved by the company.
3. Water power service will only be supplied to customers whose load consists of power and miscellaneous lighting.
4. The minimum annual demand charge shall be \$4,000.00.
5. The company limits the quantity of water power to be sold to

10,000 kw. The company does not guarantee continuity of service, and represents only that the service herein provided for is "unrelied" and subject to the vicissitudes of water power generation, long distance transmission and transformation.

6. The company offers water power service only where delivery can now be readily made, and does not obligate itself to extend its transmission system to make delivery thereof.

(D) MEASUREMENT OF DEMAND.

1. The demand of the customer using company's water power service shall be determined as the maximum rate at which energy is used for any continuous period of 15 consecutive minutes, and may be ascertained at the option of the company by counting revolutions of the wattmeter disc, by printing quarterly hourly readings of wattmeter, or by graphic recording wattmeter.
2. The maximum demand charge during any month shall be not less than that computed on the basis of 75 per cent of the maximum demand during any previous month of the contract period.

PART II.

WAUKESHA DIVISION

This schedule applies to all customers served from the lines of the Milwaukee Light, Heat and Traction Company between the cities of Waukesha and Watertown and includes the villages of Pewaukee, Hartland, North Lake, Nashotah, Okauchee, Wales and Genesee and the townships of Oconomowoc, Delafield, Summit, Merton, Ottawa, New Berlin, Pewaukee, Waukesha and Genesee, Waukesha county and Ixonia, Jefferson county.

I. RESIDENCE ELECTRIC LIGHTING SERVICE.

To customers contracting for residence electric service with free renewals of company's standard lamps, for periods of one year or more, the following rate shall apply:

- (A) Primary charge of 12 cts. per kw-hr. for
 - (1) The first 4 kw-hr. consumed per month for each of the first 4 active rooms.
 - (2) The first $2\frac{1}{2}$ kw-hr. consumed per month for each of the active rooms in excess of the first 4.All rooms, except the following, shall be computed as active: 3 rooms (which are primarily or may be used as bed rooms, including therein finished attic or garret rooms), bath rooms, basements, garrets, closets and back porch.
- (B) Secondary charge of 5 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate in (A), up to a total of 7 kw-hr. consumed per month per active room.
- (C) Tertiary charge of 2 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate (A) and the secondary rate (B) or for all energy consumed in excess of 7 kw-hr. per active room per month.
 - (1) The foregoing rate includes free renewal of the company's standard incandescent lamps and renewal allowances on tungsten or special lamps which have been purchased by the customers from the company and have been used in connection with the company's service and which are returned by the customer to the office of the company burned out or blackened and with bulbs unbroken.
 - (2) In determining the number of active rooms all rooms whether containing lights or not shall be counted, except the following:

3 rooms (which are primarily or may be used as bedrooms, including therein finished attic or garret room); bathrooms, basements, garrets, closets and back porch.

- (3) A room used as a children's nursery or workroom and containing a couch, sometimes used as sleeping quarters, is not classed as a bedroom.
- (4) Halls and hallways used and furnished as reception and living rooms and having an area in excess of 120 sq. ft. are classed as active rooms.
- (5) A part of a room, not cut off by partition and door and which is generally known as an alcove shall not be counted as an additional room unless it is furnished and used for a distinctly different purpose or its area exceeds $33\frac{1}{3}\%$ of the total area of the room and alcove.
- (6) Front, side and back porches, with or without lights, are not classed as active.

Back porches are specifically excepted in rate schedules, as in many cases they are enclosed and used as a summer kitchen or dining room, and as such might be taken as a room.

- (7) Where service for a barn or garage is supplied through the same meter as that through which service for the residence is supplied, all active rooms in garage or barn are added to those of the house and the rate applied.
- (8) Where separate meters are supplied, a garage or barn shall be treated as a separate residence.
- (9) All classes of domestic heating and power consuming devices may be supplied through the meter by which lighting service is measured, in which case this rate shall apply.
- (10) Battery charging outfits, refrigerating outfits, nonportable air compressors or vacuum cleaners or similar apparatus not in use between the hours 4:30 p. m. and 8:30 p. m. may also be supplied through the residence meter.
- (11) Motors and other power consuming devices, when connected to residence service meter, must conform to the following rule:

All such motors and devices must be equipped with starting or regulating apparatus to limit automatically the initial current in starting, to amount not exceeding $2\frac{1}{2}$ times the full load current, as determined by manufacturer's rating. Motors or other devices having a rated capacity greater than $\frac{1}{2}$ kw. shall be wound for 240 volts and customer shall arrange building wiring and meter loops for three-wire service and meter.
- (12) Elevators and wireless telegraph apparatus, using service intermittently shall not be supplied at residence rates or from residence service connections. Such apparatus must be supplied from power mains and where a special extension of power service is required, customer shall pay the cost of the necessary extension in accordance with the rules of the company governing new extension of service. Customer shall contract for service for such apparatus at the company's regular power rates.
- (13) The residence schedule shall not be applied to any apartment house wherein the landlord or agent is billed for the entire service consumed in the building and rebills the service to the occupants of the apartments. In such case, the increment lighting rate and Contract Form No. 759 shall be used.
- (14) The residence schedule shall not be applied to customers whose practice is to have service cut out during the summer months; it shall be applied only to those who sign contracts

providing for service by the year, and who pay at least the minimum monthly payments provided for in the contract. When company is unable to read meter for any month or months, the quantity of energy to be paid for monthly at the primary rate shall be increased pro rata.

- (15) Consumers occupying a portion of a business building as a residence may combine residence service with commercial lighting service through one meter. In no case, however, can the Residence Rate be combined with the Commercial Lighting Rates and Residence Rate cannot be applied to such combination service.

II. COMMERCIAL ELECTRIC LIGHTING SERVICE

To customers contracting to use and using Commercial Electric Lighting service for periods of one year or more, the rate for such service shall be computed in accordance with the following schedule:

| | | |
|--------------|--------------------------------------|--------------------|
| First | 100 kw-hr. consumed during any month | 12 cts. per kw-hr. |
| Second | 100 " " " " " | 10 " " " |
| Third | 100 " " " " " | 8 " " " |
| Next | 300 " " " " " | 6 " " " |
| All over 600 | " " " " " | 4 " " " |

- (1) The foregoing rate includes free renewals of the company's standard incandescent lamps and renewal allowances upon tungsten or other special lamps, provided all such lamps have been purchased by the customer from the company at the company's regular prices and have been used by the customer only in connection with the service of the company. Lamps to be renewed or to secure renewal allowance must be returned by the customer to the office of the company in burned out or blackened condition or with bulbs unbroken.
- (2) Motors of not more than one h. p. total rated capacity will be supplied with service in conjunction with lighting service under the foregoing schedule of rates.

III. COMMERCIAL POWER SERVICE.

To customers contracting to use and using Commercial Electric Power service for periods of one year or more, the rate of charge for such service shall be computed in accordance with the following schedule:

| | | |
|--------|--------------------------------------|-------------------|
| First | 100 kw-hr. consumed during any month | 8 cts. per kw-hr. |
| Second | 100 " " " " " | 6 " " " |
| Third | 100 " " " " " | 5 " " " |
| Next | 300 " " " " " | 4 " " " |

All energy in excess of 600 kw-hr. consumed during any month, 3 cts. per kw-hr.

IV. STANDARD RATE

To customers signing the company's standard form of contract, providing for service for one year or more, the charge for electric service shall be computed on the following basis:

Demand Charge—(Payable in equal monthly installments).
 \$42.00 per year for each kw. of demand of the first 10 kw.
 \$30.00 " " " " " next 50 "
 \$24.00 " " " " " " 140 "
 \$18.00 " " " " " in excess of 200 "

All plus an energy charge as follows:

Energy Charge:

4 cts per kw-hr. for the first 1,000 kw-hr. consumption during month.

- 3 cts. per kw-hr. for the next 3,000 kw-hr. consumption during month.
 - 2 cts. per kw-hr. for the next 6,000 kw-hr. consumption during month.
 - 1½ cts. per kw-hr. for the next 40,000 kw-hr. consumption during month.
 - 1.3 cts. per kw-hr. for all energy consumed in any month in excess of 50,000 kw-hr.
 - 1. The foregoing rate shall apply to all consumers utilizing company's electric service for lighting and receiving free renewals of company's standard lamps.
 - 2. The foregoing rate less one-half cent per kw-hr. shall apply to all customers utilizing company's service and not receiving free renewals of company's standard lamps.
- (A) ELECTRIC LIGHTING.
- 1. This service will include:
 - (a) Electric energy furnished for lamps and other appliances utilized for illumination purposes, except as hereinafter specifically exempted.
 - (b) Motors and appliances other than lighting equipment where provided with a starting apparatus designed to limit the initial or starting current to a value not exceeding 2½ times the full load current, alternating current motors of ¼ h. p. when wound for 110 volts, and of ½ h. p. when wound for 220 volts, the aggregate rated capacity of such appliances not to exceed 2 kw., will be included in this class when used in connection with lighting equipment and when the connected load of such motors and appliances does not exceed the aggregate rated capacity of lighting equipment.
 - 2. Should the conditions of use of customer's demand be obviously such that he would never earn a lower rate under the Standard than under the Increment Rate Schedule, the Increment Rate Schedule set forth in Section II hereof shall apply. (Contract Form No. 759.) The Increment Lighting Schedule is optional with the Standard Rate.
 - 3. In the application of the Standard Rate one integrating watt meter only shall be provided for the measurement of energy, unless accuracy of measurement requires the installation of more than one meter. Where demand meters are installed only one set of meters shall be used, and the arithmetical sum of their readings shall be used in computing demand.
 - 4. (a) Exclusive lighting customers having installations of 2 kw. or less shall purchase service providing for free lamp renewals.
 - (b) In exclusive lighting installations of more than 2 kw. connected, it is optional with the customer whether he shall take the rate providing for free lamp renewals.
 - (c) In exclusive lighting installations of more than 2 kw. connected and where customer desires to contract for service without free lamp renewals, the energy charge shall be ½ ct. per kw-hr. less than that provided above and Contract Form No. 19385 shall be endorsed "Without Renewals of Lamps."
 - 5. The maximum rate of charge for energy for lighting service is set forth in Section II.
- (B) POWER.
- 1. This service will include:
 - (a) Electric energy utilized for motive and heating purposes, and miscellaneous lighting service, where the demand arising from such miscellaneous lighting service shall not be in excess of 20% of the total simultaneous demand for lighting and power service.

- (b) Stereopticons, moving picture machines, photographer's arc lamps and rectifiers shall be classed as power equipment.
2. In the practical application of the Standard Rate, it is found that customers divide themselves generally into two classes—one in which the demand and hours use is so small that they receive no advantage under the Standard Rate, and the other class in which the Standard Rate results in a lower unit cost than the Increment Schedule. In the case of Unlimited, or On-Peak Service, all contracts for demands of 60 kw. or less and requiring an average use of the demand of about 215 hours per month should be written under the Increment Rate Schedule (Contract Form Number 1960). Contracts for demands in excess of 60 kw. and 215 hours use per month should be written under the Standard Rate (Contract Form Number 1968 S).
3. Where service for lighting or other application requiring single-phase current is desired by customer, to be supplied through meter measuring energy as polyphase power service, the unbalancing of the phases of the polyphase service arising from the use of the service for lighting or other purposes shall not exceed 10% of the demand in kilowatts contracted for or measured. The power factor of such unbalanced single-phase load shall not be less than 75%. Should customer's demand for single-phase service exceed the above, the same shall be divided as nearly as practicable to obtain a balanced condition of the polyphase service. Customer may contract for single-phase requirements in excess of 10% of polyphase demand as a separate single-phase service. Where miscellaneous lighting service is supplied through the same meter as "Power" service (B), customer shall be required to supply apparatus for rendering available 120 volts for lighting service, if such be required.

Schedule III. Commercial Power Service is optional with Standard Rate.

(C) COMBINED LIGHTING AND POWER SERVICE.

This service will include electric energy specified as "Lighting" (A), and electric energy specified as "Power" (B), where such combination service is supplied through the same meter.

Special Services.

(D) LIMITED OR OFF-PEAK SERVICE.

The foregoing rates for "Lighting" service (see A) "Power" service (see B), and "Combined Lighting and Power" service (see C), less one-half the demand charge, shall apply to customers contracting to utilize and utilizing the service only at times during the calendar day other than during the hours of the months, specified as follows:

| Month | Hours during which service shall not be used. |
|----------------|---|
| October | 5:30 p. m. to 7 p. m. |
| November | 5:00 p. m. to 7 p. m. |
| December | 4:30 p. m. to 7 p. m. |
| January | 4:40 p. m. to 7 p. m. |
| February | 5:20 p. m. to 7 p. m. |
| March | 6:00 p. m. to 7 p. m. |

- (a) In case customer desires to use service during the specified "off-peak" hours and upon giving the company one hours' notice of such intent, he shall be permitted to use service on any day of the week except Saturday and Sunday and for each day power is so used customer shall pay:

| | |
|---|--------|
| For each kilowatt of demand of the first 10 kw. | \$0.17 |
| " " " " " " " next 50 " | .12 |
| " " " " " " " next 140 " | .10 |
| " " " " " " " excess | .07 |

The demand so paid for shall be that as measured if it exceeds the "off-peak demand" contracted for or otherwise paid for during the current month.

- (1) Customers shall install and maintain in operating condition an automatic time switch of the type approved by the company.
- (2) Services under the off-peak schedule for demands of less than 10 kw. will not be solicited or recommended, but will be sold on application. The saving to the customer is small and the complication introduced greater than that warranted by the saving in cost of service.
- (3) In many cases, customers signing limited service contracts will require some service for lighting during the hours that service is not available under this schedule. In such cases contracts shall include a small demand under the Unlimited Service Schedule, and all energy supplied under both schedules shall be measured by one meter. In computing the demand charge and the application of the four steps of the demand charge thereto, the demand charge for the Unlimited Service shall first be computed, and the charge for Limited Service shall be continuous thereafter, for example, if the customer contracts to purchase 10 kw. of unlimited service and 50 kw. of limited service, the monthly demand charge is computed as follows:

10 kw. at \$3.50.....\$35.00
 50 kw. at \$1.25..... 62.50

- (4) Limited or off-peak service shall be sold only on annual contracts. On-peak service to supplement off-peak service during the off-peak hours shall not be sold at the Short Time or Increment Rate.

(E) TEN-SEVEN SERVICE.

The foregoing rates for "Power" service "B" less three-fourths of the demand charge shall apply to all customers contracting to utilize and utilizing the company's service only during the hours 10:00 p. m. to the following 7:00 a. m. Customer shall install and maintain in operating condition an automatic time switch of the type approved by the company.

1. Contract Form Number 1971—S shall be used for "Ten-Seven" power service.

(F) UNLIMITED BREAK-DOWN SERVICE.

The foregoing rates for "Lighting and Power" service (C) under Unlimited Service, shall apply for Break-Down or Emergency Service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the company. It shall be set to open when the demand exceeds 125 per cent of the kilovolt-ampere demand contracted for.

1. Contract Form Number 1969—S shall be used for "Unlimited Break-down Service."

(G) LIMITED BREAK-DOWN SERVICE.

The foregoing rates for "Lighting and Power" service (C) under Limited or Off-peak Service, shall be furnished for Break-down or Emergency Service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for

by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the company. It shall be set to open when the demand exceeds 125 per cent of the kilovolt-ampere demand contracted for.

1. Contract Form Number 1970—S shall be used for "Limited Break-down Service."

Measurement of Demand.

The demand is defined as the greatest rate at which electrical energy is used by the customer within any period of fifteen consecutive minutes during the calendar year, subject to the methods of determining demand hereinafter specified.

(A) LIGHTING SERVICE.

1. For lighting installations of 2 kw. or less, the demand shall be assessed as 100% of the first 300 watts, plus 66⅔% of the connected load in addition to the first 300 watts.
2. Where the demand is assessed all sockets not containing lamps shall either be removed or sealed by the company, or counted at 50 watts each.
3. For installations of over 2 kw. the demand shall be measured by permanently installed demand meters, or by monthly readings taken during the normal peak demand of the service. Such readings may be ascertained at the option of the company by counting revolutions of the watt-meter disc, or by printing quarterly hourly readings of the watt-meter, or by a graphic recording watt-meter, or by the so-called Wright demand meter.

(B) POWER SERVICE.

1. The maximum demand upon which the monthly charge for Power Service (see B) is based, shall not be less than 75% of the highest demand ascertained during the period of twelve months ended with the current month.
2. For power installations of 2 kw. connected or less, the demand shall be assessed as 75% of the connected load, as indicated by the manufacturer's rating.

(C) TEMPORARY ASSESSMENT OF DEMAND.

In the installations in excess of 2 kw. connected, where customer is connected for service during a month during which the maximum measured demand shall be less than the probable demand obtaining during November, December, January or February, the demand will be assessed in accordance with the following rules, and such assessed demand will be corrected as soon as the actual demand for the year has been measured and the difference in the demand rate billed upon the assessed or estimated demand and the demand rate based upon the actual or measured demand shall be credited to the customer or paid by the customer as the case may be.

1. In Class "1" customers (Lighting Service) the assessed demand shall be determined as follows: 100% of the first 300 watts connected; 66⅔% of the next 1700 watts connected; 55% for all in excess of the first 2000 watts;

Class 1 customers shall include all lighting customers except those designated as Class 2.

2. In Class "2" customers (Lighting Service) the assessed demand shall be determined as follows: 100% of the first 300 watts connected; 66⅔% of the next 1700 watts connected; 40% for all in excess of the first 2000 watts.

Class 2 customers shall consist of federal and county buildings, churches, and missions, hotels and clubs, factories (including

small industrial establishments such as machine shops, carpenter shops, blacksmith shops, tin shops and cigar factories, closing not later than 6 p. m.), private and parochial schools, grain and tobacco elevators and warehouses, freight and storage warehouses, stables and garages, both private, boarding and livery, and furniture stores occupying two or more floors above street level.

3. In Class 3 (Power Service) the assessed demand shall be determined as a percentage of the total connected load as indicated by the manufacturer's rating: Where installations are under 10 h. p. 75%, where installations are over 10 h. p. and less than 50 h. p., 65%; where installations are over 50 h. p., 55%.
4. If customer's connected load is permanently decreased the Demand Charge should be reduced accordingly. Where customer's connected load is 2 kw. or less, the demand shall be re-assessed. If customer's load is in excess of 2 kw. the demand is determined by measurement and the time at which the change in connected load occurs will influence the basis upon which the new Demand Charge will be determined. If the customer's connected load is reduced prior to December 15th of the customer's contract year, the demand may be re-measured and the new demand so ascertained be taken as the basis of the Demand Charge for the remaining portion of the customer's contract year. If the customer's installation be reduced subsequent to December 15th of the customer's contract year, then the new Demand Charge shall be determined upon the basis of the temporary assessed demand, as provided in the preceding paragraphs, and such assessed demand will continue to be the basis upon which the customer shall be billed for service until a new demand shall be ascertained by measurement during the months of November, December, January and February following.

FLAT RATE DISPLAY LIGHTING.

Company will sell service for Flat Rate Display Lighting controlled company on yearly contracts, on the following basis of monthly payments:

| Rated consumption of lamps installed. | Dusk to 11 p. m. 1860 hrs. | Dusk to 12 p. m. 2200 hrs. |
|---------------------------------------|----------------------------------|----------------------------------|
| | | |
| 200 watts or less..... | \$1.93 | \$2.17 |
| 300 watts | 2.90 | 3.25 |
| 400 watts | 3.87 | 4.33 |
| 500 watts | 4.83 | 5.42 |
| 600 watts | 5.80 | 6.50 |
| 700 watts | 6.78 | 7.58 |
| 800 watts | 7.73 | 8.67 |
| 900 watts | 8.70 | 9.75 |
| 1.0 kilowatts | 9.67 | 10.83 |
| 1.5 kilowatts | 14.50 | 16.25 |
| 2.0 kilowatts | 19.33 | 21.67 |
| 2.5 kilowatts | 24.17 | 27.08 |
| 3.0 kilowatts | 29.00 | 32.50 |
| 3.5 kilowatts | 33.83 | 37.92 |
| 4.0 kilowatts | 38.67 | 43.33 |
| 4.5 kilowatts | 43.50 | 48.75 |
| 5.0 kilowatts | 48.33 | 54.17 |
| 6.0 kilowatts | 58.00 | 64.00 |
| 7.0 kilowatts | 66.87 | 73.00 |
| 8.0 kilowatts | 75.00 | 82.00 |
| 9.0 kilowatts | 83.13 | 91.00 |
| 10.0 kilowatts | 91.25 | 100.00 |

1. The foregoing flat rates include renewals of carbon filament lamps only and include no other maintenance.

2. Company will contract for flat rate display lighting burning during hours other than those specified above, but not less than 1,100 hours per year, and the monthly bill therefor shall be computed at 1/12 of the annual bill determined by the application of the standard rate.
 3. (a) Company will supply and install on yearly contracts renewals of the Mazda sign lamps for flat monthly charge of 4 cts. per lamp installed. The foregoing applies to flat rate display lighting, or to the equivalent display lighting supplied on a meter basis, providing service is used not to exceed 2,250 hours per year. For such service as is used in excess of 2,250 hours per year, the renewals will be furnished at a proportionately increased monthly charge per lamp. The customer shall purchase from the company the first installation of such lamps and all increases thereof, at the company's regular prices.
(b) In case consumer wishes to supply Mazda sign lamps in lieu of the carbon lamps the renewals of which are furnished without charge by the company, consumer may do so and receive a reduction in the rate for service of \$0.75 and \$0.90 per month per kilowatt of capacity of Mazda lamps for 11 o'clock and 12 o'clock burning respectively.
(c) Company will supply plain Mazda, 5 watt, 12 to 13 volt sign lamps, and supply renewals thereof, at a charge equivalent to \$12.00 per month per kilowatt of rated consumption of lamps installed. This charge is to be added to the contract rates, after deducting the allowance for carbon lamps.
- Plain Mazda 2½ watt, 12 to 13 volt sign lamps will be similarly supplied at a charge equivalent to \$24.00 per month per kilowatt of rated consumption of lamps installed.
4. Where flashers are installed on signs, the demand and use of lamps on circuits controlled by the flasher shall be taken at 75% of the rated consumption of such lamps.
 5. (a) The company will contract to inspect, clean and paint signs once a year, put all renewals in place, and maintain flasher, if any, for 1 ct. per month for each 10 watt carbon or 5 watt Mazda lamp contained in sign.
(b) On contracts providing for the renewals of Mazda sign lamps in accordance with paragraph 3 (a) hereof, company will contract to inspect, clean and paint signs once a year and maintain flasher, if any, for ½ ct. per month for each 5 watt Mazda lamp, and 1 ct. per month for each 2½ watt Mazda lamp contained in sign.

V. MINIMUM MONTHLY PAYMENTS.

The minimum monthly payments to be made by any customer shall be:

- (a) For residence electric lighting service \$1.00 per mo.
- (b) For commercial electric lighting service \$1.00 per mo.
- (c) For commercial electric power service \$1.50 per mo. for an installation of two h. p. or less nominal rated capacity, and, in addition thereto 75c for each h. p. or fraction thereof nominal rated capacity in addition to the first two h. p.
- (d) The minimum monthly payment to be made under the Standard Rate shall be the monthly installment of the demand charge.

VI. PROMPT PAYMENT DISCOUNT.

1. All bills for electric service paid at the office of the company or at any of its authorized collection agencies within ten days from date of bill shall be subject to a prompt payment discount of 5%

on the first \$25.00 and 1% on amounts in excess of \$25.00 of such bills.

2. On bills for electric service supplied to the Federal, County and City Governments, paid at the office of the company, or its authorized collection agencies, within 60 days of date of bill, the prompt payment discount provided for in the contract under which such service is sold will be allowed.

VII. SHORT TIME RATE.

To customers desiring to use residence electric lighting, commercial electric lighting or commercial electric power service for periods of less than one year, the rates outlined in Sections I, II, and III shall apply, providing the customer shall reimburse the company for the cost of connecting and disconnecting the company's service and installing and removing the necessary meters and transformers.

VIII. WATER POWER SERVICE.

(See Section XII in Part I above.)

IX. RULES CONCERNING CUSTOMERS' DEPOSITS.

1. Customers who have no established credit rating are required to furnish a financially responsible guarantor, or make a cash deposit equal in amount to two months' estimated bills. Minimum deposits in all cases to be \$5.00.
2. Customers who shall have failed to make full payment to the company of all previous service bills are required to pay all such bills before service will be furnished.
3. Customers who shall have failed to make full payment to the company of all previous service bills are also required to make the cash deposit specified in rule "1."
4. Interest at the rate of 5% per annum will be paid on renewal or withdrawal of deposit.

Meters are owned by the utility.

OPTIONAL RATES FOR MUNICIPAL STREET LIGHTING SERVICE.

(10 year contracts executed on company's standard form)

Applicable in all territory served from company's electric service lines.

The Municipal Street Lighting rates as heretofore filed are amended by adding to such schedules rates for the following classes of service:

Incandescent Lighting:

Series installations of Mazda or tungsten lamps. All night every night service from one-half hour after sunset until one-half hours before sunrise. Lamps supported from span wires or brackets attached to wooden poles and supplied from overhead distributing system, average spacing not over 400 feet. Joint use of pole lines with other service.

Rates per lamp per year payable in equal monthly installments.

| Number of lamps used by municipality | 100 c. p. 80 watts | 250 c. p. 162 watts | 400 c. p. 256 watts | 600 c. p. 300 watts |
|--------------------------------------|-----------------------|------------------------|------------------------|------------------------|
| First 25 lamps..... | \$26.00 | \$33.00 | \$42.00 | \$49.00 |
| Next 25 lamps..... | 22.50 | 30.00 | 39.00 | 46.00 |
| Next 25 lamps..... | 20.50 | 29.00 | 38.00 | 44.50 |
| Over 75 lamps..... | 19.00 | 27.50 | 36.50 | 43.00 |

PART III.

RURAL SERVICE.

This schedule applies to service furnished in the following townships:

| <i>Milwaukee county</i> | <i>Racine county</i> | <i>Waukesha county</i> |
|-------------------------|-------------------------|------------------------|
| Town of Milwaukee | Town of Caledonia | Town of Muskego |
| " "Wauwatosa | " "Mt. Pleasant | " "New Berlin |
| " "Greenfield | " "Norway | " "Brookfield |
| " "Lake | " "Waterford | " "Pewaukee |
| " "Oak Creek. | " "Rochester | " "Oconomowoc |
| " "Franklin | " "Burlington | " "Summit |
| | | " "Delafield |
| | | " "Waukesha |
| | | " "Vernon |
| | | " "Mukwonago |
| <i>Walworth county</i> | <i>Jefferson county</i> | <i>Kenosha county</i> |
| Town of East Troy. | Town of Watertown | Town of Sommers |
| | " "Ixonia | |

of cities and villages and who are engaged in farming, gardening, stock raising and dairying. Country residences are included in this class.

Rural customers located upon existing distributing lines or who contribute to the cost of constructing extensions in accordance with the company's rules and who execute company's standard form of Rural Service Contract for a period of not less than two years may purchase single-phase electric service at the following rates:

(a) *Service Charge.*

2 dollars per month for four or less active rooms, plus 40 cts. per month for each active room in excess of the first four.

Service charge shall include energy consumption equivalent to 7 kw-hr. per active room per month or not less than 28 kw-hr. per month.

(b) *Energy Charge.*

2 cts. per kw-hr. for all energy consumed in excess of 7 kw-hr. per active room or in excess of 28 kw-hr., in case the active rooms are less than four.

The number of active rooms shall be computed on the following basis: All rooms contained in the residence shall be counted as active, except bath rooms, basements, garrets, closets, halls, pantry and three rooms used as bed rooms or sleeping quarters but not used for other purposes. In addition to the rooms in the residence, each separate building used as a barn, stable, garage or greenhouse shall be counted as one active room. In computing the active rooms, no deduction shall be made because rooms or buildings are not wired or connected.

The foregoing rate shall apply to all energy used for household purposes, including cooking and for miscellaneous power purposes, providing the total nominal rated capacity of motors does not exceed three horse power, and providing the motors are not operated between sundown and 11 p. m. Service for additional motors will be supplied at the foregoing rate plus an additional charge of 50 cts. per month for each horse power or fraction thereof in excess of three horse power.

The foregoing rate does not include renewals of any incandescent

lamps, but is subject to the company's standard prompt payment discount of 5% on the first \$25 and 1% on amounts in excess of \$25 of monthly bills paid within ten days from date of same.

For rules relating to customer's deposits see Section IX of Part II above.

Meters are owned by the utility.

MILWAUKEE.

(Population, 373,857.)

MOLITOR & HUMMEL REALTY CO.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

METER RATES:

Minimum monthly charge, \$5.00.

First 1,000 kw-hr.....\$40.00

Second 1,000 kw-hr..... 32.50

Third 1,000 kw-hr..... 30.00

If consumption in any one month exceeds 3,000 kw-hr. a flat rate of 3½ cts. per kw-hr. applies.

Discount of 5% if paid before the tenth of the following month.

Street Lighting.

None.

MILWAUKEE.

(Population, 373,857.)

RAILWAY EXCHANGE BUILDING CO.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

METER RATES:

Minimum monthly bill, 25 cts.

Current, 5 to 10 cts. per kw-hr.

Lamp renewals free.

Street Lighting.

None.

MILWAUKEE.

SOUTHERN WISCONSIN POWER CO.

(Main office located at Milwaukee.)

Method of generation, hydraulic.

Daily operating period, continuous.

Power furnished under contract at the following rate to *The Milwaukee Electric Railway & Light Co.*

\$180,000.00 per year for 83,552 kw-hr. delivered and taken each and every day of the year, extra service furnished at option of the power company is paid for at the rate of 0.5 cts. per kw-hr. Power is delivered and measured at Watertown, Wis., at 66,000 volts in the substation of The Milwaukee Electric Railway & Light Co.

Power furnished under contract to the *Portage Electric Light Co., Portage, Wis.*

225 kws. at \$0.25 per kw. per month, reservation charge. All power used at 0.8 cts. per kw-hr.

Discount on reservation charge, 25 cts. per month per kw. if paid on the 10th of the month. Current is delivered and measured at 2200 volts at Portage substation; in addition the customer pays a substation charge of \$2,400 per annum.

Power is furnished the *Village of Kilbourn*.

For operating lighting plant and water works plant on the basis of furnishing 96 kw. maximum demand at the rate of \$1.91½ per kw. per month for reserve charge, and 0.5 cts. per kw-hr. for all power used as measured by meter.

Discount 25 cts. per month per kw. on reservation charge, if bills are paid before the 10th of the month.

Power is delivered at 2200 volts to the village plant and there metered.

MILWAUKEE.

(Population, 373,857.)

THE MILWAUKEE ELECTRIC RAILWAY & LIGHT CO.

(This schedule applies to the city of Milwaukee only.)

Method of generation, steam and hydraulic.

Daily operating period, continual.

I. STANDARD RATE.

To customers signing the company's standard forms of contract, providing for service for one year or more, the charge for electric service shall be computed on the following basis:

Demand Charge:

- \$36.00 per year for each kw. of demand of the first 10 kw.
- \$30.00 per year for each kw. of demand of the next 50 kw.
- \$24.00 per year for each kw. of demand of the next 140 kw.
- \$18.00 per year for each kw. of demand in excess of 200 kw.

Payable in equal monthly installments, plus an energy charge as follows:

Energy Charge:

- 4 cts. per kw-hr. for the first 1,000 kw-hr. consumption during month.
- 3 cts. per kw-hr. for the next 3,000 kw-hr. consumption during the month.
- 2 cts. per kw-hr. for the next 6,000 kw-hr. consumption during the month.
- 1½ ct. per kw-hr. for next 40,000 kw-hr. consumption during month.
- 1.3 ct. per kw-hr. for all energy consumed in excess of 50,000.

1. The foregoing rate shall apply to all customers utilizing company's electric service for lighting and receiving free renewals of company's standard lamps.
2. The foregoing rate less ½ ct. per kw-hr. shall apply to all customers utilizing company's service and not receiving free renewals of company's standard lamps.

(A) ELECTRIC LIGHTING.

1. This service will include:

- (a) Electric energy furnished for lamps and other appliances utilized for illumination purposes, except as hereinafter specifically exempted.
- (b) Motors and appliances other than lighting equipment where provided with a starting apparatus designed to limit the initial or starting current to a value not exceeding 2½ times the full load current, alternating current motors of ¼ h. p. when wound for 110 volts, and of ½ h. p. when wound for 220 volts, and direct current motors of 1 h. p. rated capacity, the aggregate rated capacity of such appliances not to exceed 2 kw., will

be included in this class when used in connection with lighting equipment and when the connected load of such motors and appliances does not exceed the aggregate rated capacity of lighting equipment.

2. Should the conditions of use of customer's demand be obviously such that he would never earn a lower rate under the Standard than under the Increment Rate Schedule, the Increment Rate Schedule set forth in Section II hereof shall apply. (Contract Form No. 759.) The Increment Lighting Schedule is optional with the Standard Rate.
3. In the application of the Standard Rate one integrating watt-meter only shall be provided for the measurement of energy, unless accuracy of measurement requires the installation of more than one meter. Where demand meters are installed, only one set of meters shall be used, and the arithmetical sum of their readings shall be used in computing demand.
4. (a) Exclusive lighting customers having installations of 2 kw. or less shall purchase service providing for free lamp renewals.
(b) In exclusive lighting installations of more than 2 kw. connected, it is optional with the customer whether he shall take the rate providing for free lamp renewals.
(c) In exclusive lighting installations of more than 2 kw. connected and where customer desires to contract for service without free lamp renewals, the energy charge shall be $\frac{1}{2}$ ct. per kw-hr. less than that provided above and Contract Form No. 1938 shall be endorsed "Without Renewals of Lamps."
5. The maximum rate of charge for energy for lighting service is set forth in Section II.
6. The following table shows the various contract forms under which commercial electric lighting is sold, and the application of such forms to the various classes of service:

| Form No. | Title | Application |
|----------|--|--|
| 759 | Contract for Electric Service. | (a) Lighting under Increment Schedule with free renewals of company's standard lamps. (b) "Short Time" lighting service. (c) Not to be used for power service. |
| 759 | | (a) Commercial lighting under Standard Rate with renewals of company's standard lamps. |
| 1938 | Contract for Commercial Electric Service | (b) Commercial lighting service over 2 kw. under Standard Rate, without renewals of company's standard lamps when endorsed "Without Renewals of Lamps." |

(B) POWER.

1. This service will include (a) electric energy utilized for motive and heating purposes and for miscellaneous lighting service required and utilized incident to the purposes for which the power is used, providing the demand arising from such miscellaneous and incidental lighting service shall not be in excess of 20% of the total simultaneous demand for lighting and power service.
(b) Stereopticons, moving picture machines, photographer's arc lamps and rectifiers shall be classed as power equipment.
(In office and apartment buildings, miscellaneous lighting service is defined to consist exclusively of hall, corridor, lavatory lighting and the illumination of the mechanical equipment of the building.)
2. In the practical application of the Standard Rate, it is found that customers divide themselves generally into two classes—one in which the demand and hours' use is so small that they receive no advantage under the Standard Rate, and the other class in which the Standard Rate results in a lower unit cost than the

Increment Schedule. In the case of Unlimited, or On-Peak Service, all contracts for demands of 50 kw. or less and requiring an average use of the demand of about 215 hours per month should be written under the Increment Rate Schedule (Contract Form No. 1960). Contracts for demands in excess of 50 kw. and 215 hours' use per month should be written under the Standard Rate (Contract Form No. 1968).

3. Where service for lighting or other application requiring single-phase current is desired by customer, to be supplied through meter measuring energy as polyphase power service, the unbalancing of the phases of the polyphase service arising from the use of the service for lighting or other purposes shall not exceed 10% of the demand in kw. contracted for or measured. The power factor of such unbalanced single-phase load shall not be less than 75%. Should customer's demand for single-phase service exceed the above, the same shall be divided as nearly as practicable to obtain a balanced condition of the polyphase service. Customer may contract for single-phase requirements in excess of 10% of polyphase demand as a separate single-phase service. Where miscellaneous lighting service is supplied through the same meter as "Power" service (B), customer shall be required to supply apparatus for rendering available 120 volts for lighting service, if such be required.
4. In Edison three-wire direct current territory, where 240 volt and 120 volt service are readily available, a customer purchasing lighting service through same meter as "Power" service (B), shall not be required to supply any apparatus for rendering available 120 volts for lighting service if such be required.
5. *Optional or Increment Rate for Power Service.*

To customers contracting on company's standard form to use service specified as Power for periods of one year or more and who actually so use such service, the charge for electric power service shall be computed at rates as follows:

| | | | | |
|-------|----------------------------------|---|------|------------|
| First | 200 kw-hr. consumed during month | 6 | cts. | per kw-hr. |
| Next | 200 " | " | " | 5 " " |
| Next | 200 " | " | " | 4 " " |
| Next | 1400 " | " | " | 3 " " |

All energy consumed per month in excess of 2000 kw-hr. 2 cts.

- (a) The foregoing optional rate for electric power service does not include renewals of any incandescent lamps.
- (b) The foregoing rate is subject to the minimum monthly payments specified in Section II, (C), 4.

The standard prompt payment discount, VI, applies to all customers served at the foregoing rate and the standard discount for three year contract, VII, applies to customers contracting for service and using the same for periods of three years or more.

6. The following table shows the various contract forms under which power service is sold, and the application of such forms to the various classes of service:

| Form No. | TITLE | APPLICATION. |
|----------|--|--|
| 1960 | Contract for Electric Power Service, Increment Rate. | (a) Power and miscellaneous light where demand and energy consumption are small or less than about 60 kw. at 215 hours per month use of demand. (b) "Short Time" power service. |
| 1968 | Electric Power Agreement. | (a) Power and miscellaneous light under Standard Rate. |

(C) COMBINED LIGHTING AND POWER SERVICE.

This service will include electric energy specified as "Lighting" (A), and electric energy specified as "Power" (B), where such combination service is supplied through the same meter.

Special Services.

(D) LIMITED OR OFF-PEAK SERVICE.

The foregoing rates for "Lighting" service (see A), "Power" service (see B), and "Combined Lighting and Power Service" (see C), less one-half the demand charge, shall apply to customers contracting to utilize and utilizing the service at times during the calendar day other than during the hours of the month specified as follows:

| Month. | Hours during which service shall not be used. |
|----------------|---|
| October | 5:30 p. m. to 7:00 p. m. |
| November | 5:00 p. m. to 7:00 p. m. |
| December | 4:30 p. m. to 7:00 p. m. |
| January | 4:40 p. m. to 7:00 p. m. |
| February | 5:20 p. m. to 7:00 p. m. |
| March | 6:00 p. m. to 7:00 p. m. |

In case customer desires to use service during the specified "off-peak" hours and upon giving the company one hours' notice of such intent, he shall be permitted to use service on any day of the week except Saturday and Sunday and for each day power is so used customer shall pay:

| | | |
|-------------------------------------|------------|--------|
| For each kw. of demand of the first | 10 kw. | \$0.15 |
| " " " " " " | next 50 " | 0.12 |
| " " " " " " | next 140 " | 0.10 |
| " " " " " " | excess | 0.07 |

The demand so paid for shall be that as measured if it exceeds the "off-peak" demand contracted for or otherwise paid for during the current month.

1. Customers shall install and maintain in operating condition an automatic time switch of the type approved by the company.
2. Service under the Off-peak Schedule for demands of less than 10 kw. will not be solicited or recommended, but will be sold on application. The saving to the customer is small and the complication introduced greater than that warranted by the saving in cost of service.
3. In many cases, customers signing limited service contracts will require some service for lighting during the hours that service is not available under this schedule. In such cases contract shall include a small demand under the unlimited service schedule, and all energy supplied under both schedules shall be measured by one meter. In computing the demand charge and the application of the four steps of the demand charge thereto, the demand charge for the Unlimited service shall first be computed and the charge for Limited service shall be continuous thereafter. For example, if the customer contracts to purchase 10 kw. of unlimited service and 50 kw. of limited service, the monthly demand charge is computed as follows:

| | |
|-----------------------|---------|
| 10 kw. at \$3.00..... | \$30.00 |
| 50 kw. at 1.25..... | 62.50 |
4. Limited or off-peak service shall be sold only on annual contracts. On-peak service to supplement off-peak service during the off-peak hours shall not be sold at the short time or increment rate.
5. The following table shows the various contract forms under

which power service is sold, and the application of such forms to the various classes of service:

| Form No. | TITLE. | APPLICATION. |
|----------|---|---|
| 1964 | Limited Electric Power Agreement. | (a) Off-peak power service. |
| 1974 | Combined Unlimited and Limited Electric Power Agreement. | (a) Combined "on" and "off" peak power and miscellaneous lighting. |
| 2377 | Combined Unlimited and Limited Commercial Electric Light and Power Service (Typewritten). | (a) Combined "on" and "off" peak commercial lighting and miscellaneous power. |

(E) TEN-SEVEN SERVICE.

The foregoing rates for "Power" service "B" less three-fourths of the demand charge shall apply to all customers contracting to utilize and utilizing the company's service only during the hours 10:00 p. m. to the following 7:00 a. m. Customer shall install and maintain in operating condition an automatic time switch of the type approved by the company.

1. Contract Form No. 1971 shall be used for "Ten-Seven" power service.

(F) UNLIMITED BREAK-DOWN SERVICE.

The foregoing rates for "Lighting and Power" service (C) under Unlimited service, shall apply for break-down or emergency service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the company. It shall be set to open when the demand exceeds 125% of the kilovolt-ampere demand contracted for.

1. Contract Form No. 1969 shall be used for "Unlimited Break-down Service."

(G) LIMITED BREAK-DOWN SERVICE.

The foregoing rates for "Lighting and Power" service (C) under Limited or Off-Peak service, shall be furnished for break-down or emergency service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the company. It shall be set to open when the demand exceeds 125% of the kilovolt-ampere demand contracted for.

1. Contract Form No. 1970 shall be used for "Limited Break-down Service."

II. MAXIMUM RATE FOR LIGHTING SERVICE AND MINIMUM PAYMENTS.

(A) MAXIMUM RATE FOR LIGHTING SERVICE.

1. The maximum rate of charge for commercial electric lighting service (Section I "A") during any month shall not exceed:

| | | | | |
|------------------------------------|----|------|-----|--------|
| First 200 kw-hr. during any month, | 10 | cts. | per | kw-hr. |
| Next 200 | " | " | " | 8 |
| Next 200 | " | " | " | 6 |
| All over 600 | " | " | " | 4 |

2. The foregoing rate is subject to prompt payment discount and includes free renewals of company's standard carbon filament lamps and renewal allowances on tungsten or other special lamps.
3. Customers may purchase service without lamp renewals, in which case these rates per kw-hr. shall be reduced $\frac{1}{2}$ ct.
4. The foregoing limitation of the maximum rate of charge for commercial electric lighting service applies only to exclusively commercial lighting customers and shall not apply to any customer purchasing service for combined lighting and power, break-down service, or combined unlimited and limited service.

(C) MINIMUM MONTHLY PAYMENTS.

1. The minimum monthly payment to be made by any customer, except customers purchasing exclusively electric lighting service, or power service at the optional or increment power rate, shall be the monthly installment of the annual demand charge.
2. A minimum monthly bill shall be charged of \$1.00 to cover such expenses occasioned by the individual commercial consumer as billing, inspecting and maintaining meter, etc. In addition to such a minimum bill, a charge of 25 cts. per month shall be made for each glowler of each nernst lamp installed, and \$1.50 for each arc lamp installed.
3. Minimum for residences 50 cts. per month.
4. A minimum monthly bill under the Optional or Increment Rate for power shall be charged of \$1.50 for an installation of 2 h. p. or less, nominal rated capacity, plus 75 cts. for each additional h. p. or fraction thereof (or \$1 per kw.) nominal rated capacity.

III. MEASUREMENT OF DEMAND.

The demand is defined as the greatest rate at which electrical energy is used by the customer within any period of fifteen consecutive minutes during the contract year, subject to the methods of determining demand hereinafter specified.

(A) LIGHTING SERVICE.

1. For lighting installations of 2 kw. or less, the demand shall be assessed as 100% of the first 300 watts, plus 66%% of the connected load in addition to the first 300 watts.
2. Where the demand is assessed all sockets not containing lamps shall either be removed or sealed by the company.
3. For installations of over 2 kw. the demand shall be measured by permanently installed demand meters, or by monthly readings taken during the normal peak demand of the service. Such readings may be ascertained at the option of the company by counting revolutions of the watt-meter disc, or by printing quarterly hourly readings of the wattmeter, or by a graphic recording watt-meter, or by the so-called Wright demand meter.

(B) POWER SERVICE.

1. The maximum demand upon which the monthly charge for power service (See B) is based shall not be less than 75 per cent of the highest demand ascertained during the period of twelve months ended with the current month.
2. Where the demands are ascertained by the use of indicating, rather than recording instruments, the demand shall be measured at least once in each three months and the time of measuring the demand shall be the hour of the consumer's maximum load.

The demand as measured shall be clearly indicated upon the monthly bill and all memoranda relating to the original read-

ing shall be filed and become a part of the consumer's record.

3. For power installations of 2 kw. connected or less, the demand shall be assessed as 75% of the connected load, as indicated by the manufacturer's rating.

(C) TEMPORARY ASSESSMENT OF DEMAND.

In installations in excess of 2 kw. connected, where customer is connected for service during a month during which the maximum measured demand shall be less than the probable demand obtaining during November, December, January or February, the demand will be assessed in accordance with the following rules, and such assessed demand will be corrected as soon as the actual demand for the year has been measured, and the difference in the demand rate billed upon the assessed or estimated demand and the demand rate based upon the actual or measured demand shall be credited to the customer or paid by the customer as the case may be.

1. In Class "1" customers (Lighting Service) the assessed demand shall be determined as follows:

100 % of the first 300 watts connected.

66⅔% of the next 1700 watts connected.

55 % for all in excess of the first 2,000 watts.

Class 1 customers shall include all lighting customers except those designated as Class 2.

2. In Class "2" customers (Lighting Service) the assessed demand shall be determined as follows:

100 % of the first 300 watts connected.

66⅔% of the next 1700 watts connected.

40 % for all in excess of the first 2,000 watts.

Class 2 customers shall consist of federal and county buildings, churches and missions, hotels and clubs, factories (including small industrial establishments such as machine shops, carpenter shops, blacksmith shops, tin shops and cigar factories, closing not later than 6 p. m.), private and parochial schools, grain and tobacco elevators and warehouses, freight and storage warehouses, stables, and garages, both private, boarding and livery, and furniture stores occupying two or more floors above street level.

3. In class 3 (Power Service) the assessed demand shall be determined as a percentage of the total connected load as indicated by the manufacturer's rating:

Where installations are under 10 h. p., 75%.

Where installations are over 10 h. p., and less than 50 h. p., 65%.

Where installations are over 50 h. p., 55%.

4. If customer's connected load is permanently decreased the Demand Charge should be reduced accordingly. Where customer's connected load is 2 kw. or less, the demand shall be reassessed. If customer's load is in excess of 2 kw. the demand is determined by measurement and the time at which the change in connected load occurs will influence the basis upon which the new Demand Charge will be determined. If the customer's connected load is reduced prior to December 15th of the customer's contract year, the demand may be re-measured and the new demand so ascertained be taken as the basis of the Demand Charge for the remaining portion of the customer's contract year. If the customer's installation be reduced subsequent to December 15th of the customer's contract year, then the new Demand Charge shall be determined upon the basis of the temporary assessed demand, as provided in the preceding paragraphs, and such assessed demand will continue to be the basis upon which the customer shall be

5. All "Wright" demand indicators installed for the purpose of measuring d. c. power demands are reset monthly, at the time of the regular meter reading.
6. All demand meters installed for measuring demands of lighting service, either a. c. or d. c., are reset once each year, at the time of the March meter reading.
7. In case a customer's connected load is permanently decreased, demand meters are reset so as to obtain a registration of the new demand.

To customers contracting for service for one year or more, for residence lighting service, with free renewals of company's standard lamps, the following rate shall apply:

A customer occupying a house containing six active rooms and utilizing service for lighting and cooking might have an energy consumption for the month of 120 kw-hr. and would have his bill for such consumption computed as follows:

2. In determining the number of active rooms, all rooms, whether containing lights or not, shall be counted except the followings: (a) bathrooms, (b) basements, (c) garrets, (d) closets, (e) porches, (f) bedrooms up to 3 in number, (g) unwired rooms other than the foregoing.

In the application of this schedule no customer shall be rated as having less than 1 active room out of each 2 rooms active and inactive (exclusive of basements, bathrooms, closets, porches, garrets, three exempted bedrooms and inactive halls) contained in the residence.

Existing customers' rooms shall be counted as wired and shall not be classed as unwired, and therefore inactive, unless customer shall give company written notice that such rooms, designating them specifically, are unwired.

Where any room previously wired is disconnected and wires are not entirely removed from the room, wiring to such rooms shall be sealed in a metal sealing device to be approved by the commission and furnished by the customer. Such sealing devices shall make provision for bearing the company's seal, which seal shall be furnished and applied by the company. Should such seal be broken, except by the company, the company shall recompute the active rooms on the basis of including such disconnected rooms and the period during which such recomputed rate shall be applied shall date from the sealing of the wiring leading to such disconnected rooms, and the customer shall pay the company the difference in rates for service received during such period.

Customers shall immediately notify the company in writing when unwired rooms are wired.

3. A room used as a children's nursery or workroom and containing a couch, sometimes used as sleeping quarters, is not classed as a bedroom.
4. Halls and hallways used and furnished as reception and living rooms and having an area in excess of 120 square feet are classed as active rooms.
5. A part of a room not cut off by partition and door and which is generally known as an alcove shall not be counted as an additional room unless it is furnished and used for a distinctly different purpose or its area exceeds $33\frac{1}{3}\%$ of the total area of the room and alcove.
6. Front, side and back porches, with or without lights, are not classed as active.
Back porches are specifically excepted in rate schedules, as in many cases they are enclosed and used as a summer kitchen or dining room, and as such might be taken as a room.
7. Where service for a barn or garage is supplied through the same meter as that through which service for the residence is supplied, all active rooms in garage or barn are added to those of the house and the rate applied.
8. Where separate meters are supplied, a garage or barn shall be treated as a separate residence.
9. All classes of domestic heating and power consuming devices may be supplied through the meter by which lighting service is measured, in which case this rate shall apply.

Battery charging outfits, refrigerating outfits, nonportable air compressors or vacuum cleaners or similar apparatus not in use between the hours 4:30 p. m. and 8:30 p. m. may also be supplied through the residence meter.

Motors and other power consuming devices, when connected to residence service meter, must conform to the following rule: All such motors and devices must be equipped with starting or regulating apparatus to limit automatically the initial current in starting, to amount not exceeding $2\frac{1}{2}$ times the full load current, as determined by manufacturers' rating. Motors or other devices having a rated capacity greater than $\frac{1}{2}$ kw. shall be wound for 240 volts and customer shall arrange building wiring and meter loops for three-wire service and meter.

10. Elevators and wireless telegraph apparatus, using service intermittently, shall not be supplied at residence rates or from

residence service connections. Such apparatus must be supplied from power mains and where a special extension of power service is required customer shall pay the cost of the necessary extension in accordance with the rules of the company governing new extension of service. Customer shall contract for service for such apparatus as the company's regular power rates.

11. In apartment houses, each apartment shall be classed as a separate residence. The public portions of the building, such as hallways, elevator cars and enclosures, public dining rooms and kitchens, pantries, etc., connected therewith, shall be treated separately. Service for such portions of the building may be purchased under either the residence rate (IV) or the standard commercial lighting rate (1-A), at the option of the purchaser. If service is furnished under the residence rate (IV), the energy to be paid for monthly at the primary rate shall be computed on the basis of one active room per floor (exclusive of basement), multiplied by the number of main entrances to the building plus the rooms used as kitchens, building storerooms, pantries, dining rooms and offices. The active rooms in janitor's quarters if supplied through same meter as public portions of the building, shall be added. Janitor's quarters metered separately shall be treated as a separate residence.
12. The residence schedule cannot be applied to any apartment house wherein the landlord or agent is billed for the entire service consumed in the building and re-bills the service to the occupants of the apartments. In such case, the Increment Lighting Rate and contract form No. 759 shall be used.
13. The residence schedule shall not be applied to customers whose practice is to have service cut off during the summer months; it shall be supplied only to those who sign contracts providing for service by the year, and who pay at least the minimum monthly payments provided for in the contract. When company is unable to read meter for any month, or months, the quantity of energy to be paid for monthly at the primary rate shall be increased pro rata.
14. Consumers occupying a portion of a business building as a residence may combine residence service with commercial lighting service through one meter. In no case, however, shall the residence rate be combined with the commercial lighting rates and residence rate cannot be applied to such combination service.
15. This residence schedule shall apply only to customers utilizing electric service exclusively supplied by the company.

(B) MINIMUM PAYMENTS.

To customers executing company's standard form of residence lighting contract at foregoing rates and using the service for periods of one year or more, the minimum charge shall be 50 cents per month net.

(C) MAXIMUM RATE FOR RESIDENCE LIGHTING SERVICE.

1. The Maximum Rate for Residence Electric Lighting Service (Section IV) subject to the minimum monthly payments of 50 cts. during any month shall not exceed 11 cts. per kw-hr.
2. The foregoing rate is subject to prompt payment discount and includes free renewals of company's standard lamps and renewal allowances on tungsten or other special lamps.
3. For the reconnection of meter for the same customer upon the same premises, a charge of \$1.50 shall be made.

(D) The following shows the various contract forms under which residence service is sold and the application of each form:

| Form No. | TITLE. | APPLICATION. |
|----------|---|---|
| 1939 | Contract for Residence Electric Lighting Service. | Residence service for periods of one year or more, Standard Rate. |
| 2399 | Short Time Residence Electric Lighting Service. | Short time residence electric lighting service. |

V. FLAT RATE DISPLAY LIGHTING.

Company will sell service for Flat Rate Display Lighting controlled by company on yearly contracts, on the following basis of monthly payments:

| | Dusk to 11 p. m. 1850 hrs. | Dusk to 12 p. m. 2200 hrs. |
|------------------------|----------------------------------|----------------------------------|
| 200 Watts or less..... | \$1.83 | \$2.07 |
| 300 Watts | 2.75 | 3.10 |
| 400 Watts | 3.67 | 4.13 |
| 500 Watts | 4.58 | 5.17 |
| 600 Watts | 5.50 | 6.20 |
| 700 Watts | 6.42 | 7.23 |
| 800 Watts | 7.33 | 8.27 |
| 900 Watts | 8.25 | 9.30 |
| 1.0 Kilowatts | 9.17 | 10.33 |
| 1.5 Kilowatts | 13.75 | 15.50 |
| 2.0 Kilowatts | 18.33 | 20.66 |
| 2.5 Kilowatts | 22.92 | 25.83 |
| 3.0 Kilowatts | 27.50 | 31.00 |
| 3.5 Kilowatts | 32.08 | 36.17 |
| 4.0 Kilowatts | 36.67 | 41.33 |
| 4.5 Kilowatts | 41.25 | 46.50 |
| 5.0 Kilowatts | 45.83 | 51.67 |
| 6.0 Kilowatts | 55.00 | 61.00 |
| 7.0 Kilowatts | 63.37 | 69.50 |
| 8.0 Kilowatts | 71.00 | 78.00 |
| 9.0 Kilowatts | 78.62 | 86.50 |
| 10.0 Kilowatts | 86.25 | 95.00 |

- The foregoing flat rates include renewals of carbon filament lamps only and include no other maintenance.
- Company will contract for flat rate display lighting burning during hours other than those specified above, but not less than 1,100 hours per year, and the monthly bill therefor shall be computed as 1/12 of the annual bill determined by the application of the Standard Rate.
- (a) Company will supply and install on yearly contracts renewals of Mazda sign lamps for flat monthly charge of 4 cts. per lamp installed. The foregoing applies to flat rate display lighting, or to the equivalent display lighting supplied on a meter basis, providing service is used not to exceed 2,250 hours per year. For such service as is used in excess of 2,250 hours per year the renewals will be furnished at a proportionately increased monthly charge per lamp. The customer shall purchase from the company the first installation of such lamps and all increases thereof, at the company's regular prices.
- (b) In case customer wishes to supply Mazda sign lamps in lieu of the carbon lamps, the renewals of which are furnished

without charge by the company, consumer may do so and receive a reduction in the rate for service of 75 cts. and 90 cts. per month per kilowatt of capacity of Mazda lamps for 11 o'clock and 12 o'clock burning respectively.

- (c) Company will supply plain Mazda, 5 watt, 12 to 13 volt sign lamps, and supply renewals thereof, at a charge equivalent to \$10.00 per month per kw. of rated consumption of lamps installed. This charge is to be added to the contract rates, after deducting the allowance for carbon lamps.

Plain Mazda 2½ watt, 12 to 13 volt sign lamps will be similarly supplied at a charge equivalent to \$18.00 per month per kw. of rated consumption of lamps installed.

Plain Mazda 10 watt 120 to 125 volt sign lamps will be supplied and renewed at a charge equivalent to \$6.00 per month per kw. of rated consumption of lamps installed. This charge is to be added to contract rates after deducting the allowance for carbon lamps.

4. Where flashers are installed on signs, the demand and use of lamps on circuits controlled by the flasher shall be taken at 75% of the rated consumption of such lamps.
5. (a) The company will contract to inspect, clean and paint signs once a year, put all renewals in place, and maintain flasher, if any, for 1 ct. for each 10 watt carbon or 5 watt Mazda lamp contained in sign.
(b) On contracts providing for the renewals of Mazda sign lamps in accordance with paragraph 3 (a) hereof, company will contract to inspect, clean and paint signs once a year and maintain flasher, if any, for ½ ct. per month for each 5 watt Mazda lamp and 1 ct. per month for each 2½ watt Mazda lamp contained in sign.

VI. DISCOUNT FOR PROMPT PAYMENT.

1. On bills paid at office of company or its authorized collection agencies within ten days of date of bill, a discount of 5% of the first \$25.00 of all bills and 1% on amounts in excess of \$25.00 will be given.
2. On bills for electric service supplied to the federal, county and city governments, paid at the office of the company, or its authorized collection agencies within 60 days of date of bill, the prompt payment discount provided for in the contract under which such service is sold will be allowed.

VII. DISCOUNT FOR THREE YEAR CONTRACT.

Customers contracting to use and using the service of the company for periods of three or more years, under the Standard, Optional, or Maximum Schedules for Commercial Electric Lighting or Power Service shall be entitled to discount from such rates of charge, as follows:

First year—No discount.

Second year—2% from current monthly bills, and at the end of the second year, 2% on bills paid during the first year.

Third year—5% from current monthly bills, and at the end of the third year, 3% on bills paid during the first and second years.

Fourth, and each succeeding year—5% from current monthly bills.

Where customers renew commercial contracts having periods of three or more years for new similar periods discount shall be continued at rate of 5% from current monthly bills.

Rider—Form No. 2375 shall be used.

VIII. SHORT TERM RATE.

To customers obtaining service for periods of less than one year, the charge for electric service shall be computed in accordance with the following schedules with prompt payment discounts Section VI applying thereto.

A. COMMERCIAL LIGHTING SERVICE.

First 200 kw-hr. during any month 10 cts. per kw-hr.

Second 200 " " " " 8 " " "

Third 200 " " " " 6 " " "

All energy in excess of 600 kw-hr. during any month 4 cts. per kw-hr.

- (a) The foregoing rate includes free renewals of company's standard incandescent lamps and renewal allowances on tungsten or other special lamps.
- (b) When free renewals of company's standard lamps or renewal allowances on tungsten or other special lamps are not obtained by customer, contract for service shall be endorsed "without lamp renewals," and the foregoing rate shall be reduced $\frac{1}{2}$ ct. per kw-hr.
- (c) The foregoing rate is subject to a minimum monthly payment of \$1.

(B) RESIDENCE LIGHTING SERVICE.

The maximum rate for residence electric lighting service, subject to the minimum monthly payment of 50 cts. during any month, shall not exceed 11 cts. per kw-hr.

- (a) The foregoing rate includes free renewals of company's standard incandescent lamps and renewal allowances on tungsten or other special lamps which have been purchased from the company by the customer at the company's regular prices.

(C) POWER SERVICE.

First 200 kw-hr. during any month 6 cts. per kw-hr.

Second 200 " " " " 5 " " "

Third 200 " " " " 4 " " "

All energy in excess of 600 kw-hr. during any month 3 cts. per kw-hr.

- (a) For reconnection of meter for the same customer upon the same premises, a charge of \$1.50 shall be made.
- (b) The foregoing rate is subject to a minimum monthly payment of \$1.50 for an installation of 2 h. p. or less nominal rated capacity, plus 75 cts. for each additional h. p. or fraction thereof of nominal rated capacity.

(D) APPLICATION OF RATES.

1. The foregoing rates shall apply to all customers using and paying for service during any term of less than one year.
2. Customers purchasing regular service under any of the company's regular rates, may purchase special, auxiliary, and temporary service at foregoing rates, subject to the following conditions:
 - (a) Customers shall execute company's regular form of contract for short-term service.
 - (b) Customers shall wire for such temporary, auxiliary or special service separately to company's service connection or point where company's regular service meters are installed, and shall provide necessary meter loops for meters to register service contracted for at foregoing rates.
 - (c) Customers shall pay company \$1.50 to cover cost of installations and removal of meter for registering short-term service.
 - (d) Lighting service purchased at foregoing rates for use in conjunction with service purchased under other schedules of rates shall be confined to such uses as are temporary or special in

nature, such as holiday, window and outline lighting, special signs, celebrations, festivals, etc., and where the wiring used in connection with such lighting is removed at the close of the special season or celebration or immediately after the discontinuance of the special service purchased under the foregoing rates.

Lighting service at foregoing rates not falling within the above classification shall not be supplied in conjunction with other service supplied under contracts covering a term of one year or more.

3. Customers purchasing service at short time rates shall reimburse the company for the cost of installing or increasing capacity of and removing, service connections, transformers or other equipment required especially by such customers.

IX. RENEWALS OF STANDARD INCANDESCENT LAMPS.

1. To entitle customers to free renewals of company's standard carbon filament incandescent lamps or to allowances on the renewals of tungsten or other special lamps, the first installation of such lamps or any increase thereof, shall be purchased from the company by the customer at the company's published prices.

X. RENTAL OF METERS.

- (A) In case the consumer desires integrating wattmeters installed to measure the consumption of electrical energy by various floors, departments or tenants, company will install such meters upon yearly contracts and charge therefor the following:

| Size and type of meter. | One meter. | Additional meters installed at same time as first meter, each. | Annual rental charge payable in 12 equal monthly installments or otherwise as agreed upon. |
|-------------------------------------|---------------|---|--|
| Single Phase and Direct Current: | | | |
| 10 amp. & smaller..... | \$1.00 | \$0.50 | \$ 3.00 |
| 15 amp. to 75 amp..... | 1.50 | .75 | 6.00 |
| 100 amp. to 300 amp..... | 3.00 | 1.00 | 12.00 |
| 3 Phase Meters: | | | |
| 5 amp. to 25 amp..... | \$1.50 | \$0.75 | \$ 6.00 |
| 50 amp. to 150 amp..... | 3.00 | 1.00 | 12.00 |

The company will not obligate itself to supply the readings of the individual meters, nor assume any responsibility for their accuracy.

- (B) Should customers desire any rented meters tested and report thereon made, the company will make such test and report and charge therefore the following:

Charge for Testing and Report

| Size of meter. | One meter. | Additional meters tested at same time as first meter, each |
|-------------------------|---------------|---|
| 5 amp. to 25 amp..... | \$2.00 | \$1.00 |
| 40 amp. to 150 amp..... | 2.50 | 1.50 |

XI. BASIS UPON WHICH APPLIANCES, FIXTURES AND EQUIPMENT WILL BE SOLD OR RENTED.

1. The company will not sell electric service customers appliance fixtures and equipment at prices less than cost to it, plus 6%.
2. Company will lease appliances, fixtures and equipment to electric service customers at rental charges based upon not less than 15% per annum of the cost or present value of such appliances, fixtures or equipment. The cost, where known, shall in every case be used as a basis for determining the rental charges. Where the cost is not known, the market price, as determined by "bona fide" quotation, shall be used as the basis for computing such rentals.
3. Appliances, fixtures or equipment rented or leased from the Company shall be maintained and repaired by the customer.

XII. RATE SCHEDULE FOR WATER POWER SERVICE.

- (A) To customers signing the company's standard form of contract providing for service for three years or more, the charge for water power shall be as follows:

Demand Charge. (Payable in equal monthly installments.)

\$20.00 per year for each kw. of demand for the first 200 kw.

\$15.00 " " " " " " " " " next 800 "

\$12.00 " " " " " " " " in excess of 1000 "

Energy Charge.

All energy consumed per month \$0.004 per kw-hr.

(B) PROMPT PAYMENT DISCOUNT.

On bills paid at the office of company within ten days of date of bill, a discount of 5 per cent of the first \$25.00 of all bills, and 1 per cent of amounts in excess of \$25.00 will be given.

(C) CONDITIONS OF DELIVERY.

1. The company will deliver water power in form of three-phase alternating current, at a frequency of approximately 25 cycles, at a pressure of approximately 13,200 volts, or other transmission voltage.
2. Delivery will be made in quantities of not less than 200 kw. Customer is required to furnish transformers, switchboard and switching apparatus, and lightning protection, of type to be approved by the company.
3. Water power service will only be supplied to customers whose load consists of power and miscellaneous lighting.
4. The minimum annual demand charge shall be \$4,000.
5. The company limits the quantity of water power to be sold to 10,000 kw. The company does not guarantee continuity of service, and represents only that the service herein provided for is "unrefined," and subject to the vicissitudes of water power generation, long distance transmission and transformation.
6. The company offers water power service only where delivery can now be readily made, and does not obligate itself to extend its transmission system to make delivery thereof.

(D) MEASUREMENT OF DEMAND.

1. The demand of the customer using company's water power service shall be determined as the maximum rate at which energy is used for any continuous period of 15 consecutive minutes, and may be ascertained at the option of the company by counting revolutions of the wattmeter disc, by printing quarterly hourly readings of wattmeter, or by graphic recording wattmeter.

2. The maximum demand charge during any month shall be not less than that computed on the basis of 75 per cent of the maximum demand during any previous month of the contract period.

XIII. RULES AND PRACTICES CONCERNING CUSTOMERS' DEPOSITS.

1. Customers who have no established credit rating are required to furnish a financially responsible guarantor, or make a cash deposit equal in amount to two months' estimated bills. Minimum deposits in all cases to be \$5.00.
2. Customers operating moving picture houses or securing similar service for other business may reduce the required deposit by entering into an agreement to pay weekly an estimated bill and by granting the company the privilege to disconnect service upon failure to pay such estimated weekly bill on demand; such customers, upon making such agreement, shall deposit an amount equal to one-half of their estimated monthly bill.
3. Customers who shall have failed to make full payment to the company of all previous service bills are required to pay all such bills before service will be furnished.
4. Customers who shall have failed to make full payment to the company of all previous service bills are also required to make the cash deposit specified in rule "1."
5. Interest at the rate of 5% per annum will be paid on renewal or withdrawal of deposit.

Meters are owned by utility.

No charge is made for connecting consumer's premises with existing line.

Street Lighting.

GENERAL:

- 803—9.6 ampere, d. c., series, carbon arc lamps, burning upon an all-night every-night schedule. Rate \$65 per lamp per year.
- 1290—6.6 ampere, a. c., series carbon arc lamps, burning upon an all-night every-night schedule. Rate \$65 per lamp per year.
- 18—d. c., multiple carbon arc lamps, burning upon an all-night every-night schedule. Rate \$65 per lamp per year.
- 15—a. c., multiple carbon arc lamps, burning upon an all-night every-night schedule. Rate \$65 per lamp per year.
- 237—600 c. p., 6.6 ampere, a. c., series, gas filled tungsten lamps, burning upon an all-night every-night schedule. Rate \$65 per lamp per year.
- 39—300 watt, 120 volt, a. c., multiple, gas filled tungsten lamps, burning upon an all-night every-night schedule. Rate \$65 per lamp per year.

ORNAMENTAL:

Data incomplete.

MILWAUKEE.

(Population, 373,857.)

WELLS POWER CO.

Method of generation, steam.

Daily operating period, continuous.

STANDARD RATE.

To customers signing the company's standard form of contract providing for service for one year or more, the charge for electric service shall be computed upon the following basis:

19—E. R.

Demand Charge:

| | | |
|------|--|--------|
| \$36 | per year for each kw. of demand of the first | 10 kw. |
| \$30 | " " " " " " " " " " next | 50 " |
| \$24 | " " " " " " " " " " " " | 140 " |
| \$18 | " " " " " " " " " " in excess of | 200 " |

Payable in equal monthly installments plus an energy charge as follows:

Energy Charge:

| | | |
|------|---------------------------------|---|
| 4 c | per kw-hr. for first | 1,000 kw-hr. consumption during mo. |
| 3 c | " " " " next | 3,000 " " " " |
| 2 c | " " " " " " | 6,000 " " " " |
| 1½c | " " " " " " | 40,000 " " " " |
| 1.3c | " " " " all energy in excess of | 50,000 kw-hr. consumption during month. |

The foregoing rate shall apply to all consumers utilizing company's electric service for lighting and receiving free renewals of company's standard lamps.

The foregoing rate less ½ ct per kw-hr. shall apply to all customers utilizing company's service and not receiving free renewals of company's standard lamps.

CLASSIFICATION OF SERVICE.

Service under the above rate shall be furnished under one of three classes:

- (A) **ELECTRIC LIGHTING.**—This service will include electric energy furnished for lamps and other appliances utilized for illumination purposes, except as hereinafter specifically exempted; motors and appliances other than lighting equipment where provided with a starting apparatus designed to limit the initial or starting current to a value not exceeding 2½ times the full load current, alternating current motors of ¼ h. p., when wound for 110 volts, and of ½ h. p. when wound for 220 volts, and direct current motors of 1 h. p. rated capacity the aggregate rated capacity of such appliances not to exceed 2 kw. will be included in this class when used in connection with lighting equipment and when the connected load of such motors and appliances does not exceed the aggregate rated capacity of lighting equipment.
- (B) **POWER.**—This service will include electric energy utilized for motive and heating purposes, and miscellaneous lighting service, where the demand arising from such miscellaneous lighting service shall not be in excess of 20% of the total simultaneous demand for lighting and power service. Stereopticons, moving picture machines, photographers' arc lamps and rectifiers shall be classed as power equipment.
- (C) **COMBINED LIGHTING AND POWER SERVICE.**—This service will include electric energy specified as "Lighting," (A) and electric energy specified as "Power," (B) where such combination service is supplied through the same meter.

DEMAND.

The demand is defined as the greatest rate at which electrical energy is used by the customer within any period of fifteen consecutive minutes during the contract year, subject to the method of determining demand hereinafter specified.

ASSESSED DEMAND.

For installations of 2 kw. connected or less, the demand shall be assessed as follows:

For lighting installations of 2 kw. connected or less, 100% of the

first 300 watts connected plus 66⅔% of the connected load in addition to the first 300 watts shall be deemed the demand.

For power installations of 2 kw. or less 75% of the total connected load, as indicated by the manufacturers rating, shall be deemed the demand.

Where the demand is assessed all sockets not containing lamps shall either be removed or sealed by the company.

Lighting consumers having installations of 2 kw. or less shall purchase service providing for free lamps renewals.

MEASURED DEMAND.

For installations of over 2 kw., the demand shall be measured by permanently installed demand meters or by monthly readings taken during the normal peak demand of the service. Such readings may be ascertained at the option of the company by counting revolutions of the watt meter disc, or by printing quarterly hourly readings of the watt-meter, or by a graphic recording watt-meter or by the so-called Wright demand meter.

The maximum demand upon which the monthly charge for power service, (see B) is based shall not be less than 75 per cent of the highest demand ascertained during the period of twelve months ended with the current month.

Where the demands are ascertained by the use of indication, rather than recording instruments, the demand shall be measured at least once in each three months and the time of measuring the demand shall be the hour of the consumer's maximum load.

The demand, as measured, shall be clearly indicated upon the monthly bill and all memoranda relating to the original reading be filed and become a part of the consumer's record.

TEMPORARILY ASSESSED DEMAND WHERE ACTUAL DEMAND CANNOT BE DETERMINED AT TIME OF COMMENCEMENT OF SERVICE.

Where the customer is connected for service during a month during which the maximum measured demand shall be less than the probable demand obtaining during November, December, January or February, the demand will be assessed in accordance with the following rules, and such assessed demand will be corrected as soon as the actual demand for the year has been measured and the difference in the demand rate billed upon the assessed or estimated demand and the demand rate based upon the actual or measured demand shall be credited to the consumer or paid by the consumer as the case may be.

(1) In Class "1" customers (Lighting Service) the assessed demand shall be determined as follows:

100 per cent of the first 300 watts connected; 66⅔ per cent of the next 1700 watts connected; and 55 per cent for all in excess of the first 2000 watts.

Class 1 customers shall include all lighting customers except those designated as Class 2.

(2) In Class "2" customers (Lighting Service) the assessed demand shall be determined as follows:

100 per cent of the first 300 watts connected; 66⅔ per cent of the next 1700 watts connected; 40 per cent for all in excess of the first 2000 watts.

Class 2 customers shall consist of federal and county buildings, churches and missions, hotels and clubs, factories (including small industrial establishments such as machine shops, car-

penter shops, blacksmith shops, tin shops and cigar factories closing not later than 6 p. m.), private and parochial schools, grain and tobacco elevators and warehouses, freight and storage warehouses, stables and garages, both private, boarding and livery, and furniture stores occupying two or more floors above street level.

- (3) In Class "3" (Power Service) the assessed demand shall be determined as a percentage of the total connected load as indicated by the manufacturers rating:

Where installations are under 10 h. p., 75%.

Where installations are over 10 h. p. and less than 50 h. p., 65%.

Where installations are over 50 h. p., 55%.

MAXIMUM RATE OF CHARGE FOR LIGHTING.

The maximum rate of charge for "Electric Lighting Service," (See A) under any one month shall not exceed:

First 200 kw-hr. during month 10 cts. per kw-hr.

Next 200 " " " 8 " " "

Next 200 " " " 6 " " "

All over 600 kw-hr. during month 4 cts per kw-hr.

The foregoing rate shall include lamp renewals; where consumer purchases electric current without free renewals of incandescent lamps, the foregoing rate shall be reduced $\frac{1}{2}$ ct.

- A minimum monthly bill shall be charged of \$1.00 to cover such expenses occasioned by the individual consumer as billing, inspecting and maintaining meter, etc. In addition to such a minimum bill, a charge of 25 cts. per month shall be made for each glower of each nernst lamp installed, and \$1.50 for each arc lamp installed.

OPTIONAL RATE FOR POWER.

Service specified as "Power" (see B) may be contracted for, at the option of the consumer, at the following rates:

First 200 kw-hr. during month 6 cts. per kw-hr.

Next 200 " " " 5 " " "

Next 200 " " " 4 " " "

All energy in excess of 600 kw-hr. during month 3 cts. per kw-hr.

- A minimum bill shall be charged under the above rate of \$1.50 for an installation of 2 h. p. or less, nominal rated capacity, plus 75 cts. for each additional h. p. or fraction thereof (or \$1 per kw.) nominal rated capacity.

SPECIAL SERVICE.

LIMITED OR OFF-PEAK SERVICE.—The foregoing rates for "Lighting" service (see A) "Power" service (see B) and "Combined Lighting and Power Service" (see C), less one-half the demand charge, shall apply to customers contracting to utilize and utilizing the service at times during the calendar day other than during the hours of the month, specified as follows:

| Month | Hours during which service shall not be used. |
|----------------|---|
| October | 5:30 p. m. to 7 p. m. |
| November | 5:00 p. m. to 7 p. m. |
| December | 4:30 p. m. to 7 p. m. |
| January | 4:40 p. m. to 7 p. m. |
| February | 5:20 p. m. to 7 p. m. |
| March | 6:00 p. m. to 7 p. m. |

Customers shall install and maintain in operating condition an automatic time switch of the type approved by the company.

In case customer desires to use service during the specified "off-peak" hours and upon giving the company one hour's notice of such intent, he shall be permitted to use service on any day of the week except Saturday and Sunday, and for each day power is so used, customer shall pay:

| | | | |
|-------------------------------|--------|--------|--------|
| For each kw. of demand of the | first | 10 kw. | \$0.15 |
| " " " " " " " | next | 50 " | .12 |
| " " " " " " " | " | 140 " | .10 |
| " " " " " " " | excess | | .07 |

The demand so paid for shall be that as measured if it exceeds the "off-peak" demand contracted for or otherwise paid for during the current month.

TEN-SEVEN SERVICE.—The foregoing rates for "Power" served (see B) less three-fourths of the demand charge shall apply to all customers contracting to utilize and utilizing the company's service only during the hours 10:00 p. m. to the following 7:00 a. m. Customer shall install and maintain in operating condition an automatic time switch of the type approved by the company.

BREAK-DOWN SERVICE.—The foregoing rates for "Lighting and Power" service (see C) under both unlimited and limited or off-peak service shall be furnished for break-down or emergency service connections. Since for such service the actual demand is unknown, customers shall contract for any demand and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the company. It shall be set to open when the demand exceeds 125 per cent of the kw. ampere demand contracted for.

SHORT TERM RATE.—To customers desiring and obtaining "Lighting" service (see A) for a period of less than one year, the maximum rate of charge for lighting service shall apply.

DISCOUNT FOR PROMPT PAYMENT AND LONG TERM CONTRACT.—Upon both the demand rate and limiting schedules a discount will be allowed for prompt payment, aggregating 5% of the first \$25.00 and 1% of the additional amount in excess of \$25.00.

Contracts for three years or more will carry in addition a discount of 2% from current monthly bills during the second year, plus 2% on bills paid during the first year; 5% from current monthly bills during the third year, plus 3% paid during the first and second years; 5% from all bills during the fourth and each succeeding year.

CONNECTIONS—FIXTURES.

Company shall connect its service lines with the premises of the customer. It may sell the customer appliances, fixtures and equipment at not less than the cost price thereof, including interest on the same at 6%. It may also lease such appliances, fixtures and equipment to the customer at rentals that do not amount to less than the sum of the ordinary repairs if borne by the company and of the depreciation and interest charges thereon. The depreciation charges in this case shall be based on the life of the property as ordinarily estimated. The interest charges in this case shall be based on interest at the rate of 6% on the cost price of such property. The company may install and remove such property and charge therefor the price not less than cost that is fixed for such service. Statements showing such costs or sale prices and rentals shall be filed with the commission.

To entitle customers to free renewals of company's standard carbon filament lamps, or to allowances on the renewals of tungsten or

other special lamps, the first installation of such lamps, or any increases thereof, shall be purchased from the company by the customer at the company's published prices.

The ownership of meters and all appliances used in the measurement of demand and energy, except as hereinbefore specifically exempted, shall remain with the company. Additional meters or appliances desired to measure for the convenience of the customers a portion of the demand or energy utilized shall be rented by the customer.

RATE SCHEDULE FOR FLAT RATE DISPLAY LIGHTING.

Company will sell service for flat rate display lighting controlled by company on yearly contracts on the following basis of monthly payments.

| | Dusk to 11 p. m. 1850 hrs. | Dusk to 12 p. m. 2200 hrs. |
|------------------------|----------------------------------|----------------------------------|
| 200 Watts or less..... | \$1.93 | \$2.17 |
| 300 Watts..... | 2.90 | 3.25 |
| 400 "..... | 3.87 | 4.33 |
| 500 "..... | 4.83 | 5.42 |
| 600 "..... | 5.80 | 6.50 |
| 700 "..... | 6.77 | 7.58 |
| 800 "..... | 7.73 | 8.67 |
| 900 "..... | 8.70 | 9.75 |
| 1.0 Kilowatt..... | 9.67 | 10.83 |
| 1.5 "..... | 14.50 | 16.25 |
| 2.0 "..... | 19.33 | 21.66 |
| 2.5 "..... | 24.17 | 27.08 |
| 3.0 "..... | 29.00 | 32.50 |
| 3.5 "..... | 33.83 | 37.92 |
| 4.0 "..... | 38.67 | 43.33 |
| 4.5 "..... | 43.50 | 48.75 |
| 5.0 "..... | 48.33 | 54.17 |
| 6.0 "..... | 58.00 | 64.00 |
| 7.0 "..... | 66.87 | 73.00 |
| 8.0 "..... | 75.00 | 82.00 |
| 9.0 "..... | 83.12 | 91.00 |
| 10.0 "..... | 91.25 | 100.00 |

1. The foregoing flat rates include renewals of carbon filament lamps only, and include no other maintenance.
2. The company will contract for flat rate display lighting burning during hours other than those specified above, but not less than 1,100 hours per year and the monthly bill therefor shall be computed as 1/12 of the annual bill, determined by the application of the Standard Rate.
3. (a) Company will supply and install on yearly contracts renewals of Mazda sign lamps for flat monthly charge of 4 cts, per lamp installed. The foregoing applies to flat rate display lighting, or to the equivalent display lighting supplied on a meter basis, providing service is used not to exceed 2,250 hours per year. For such service as is used in excess of 2,250 hours per year, the renewals will be furnished at a proportionately increased monthly charge per lamp. The customer shall purchase from the company the first installation of such lamps and all increases thereof, at the company's regular prices.
- (b) In case consumer wishes to supply Mazda sign lamps in lieu of the carbon lamps, the renewals of which are furnished without charge by the company, consumer may do so and receive a reduction in the rate for service of \$0.75 and \$0.90 per month per

kw. of capacity of Mazda lamps for 11 o'clock and 12 o'clock burning respectively.

- (c) Company will supply plain Mazda 5 watt 12 to 13 volt sign lamps and supply renewals thereof at a charge equivalent to \$10.00 per month per kw. of rated consumption of lamps installed. This charge is to be added to the contract rates after deducting the allowance for carbon lamps.

Plain Mazda 2½ watt, 12 to 13 volt sign lamps, will be similarly supplied at a charge equivalent to \$18.00 per month per kw. of rated consumption of lamps installed.

Plain Mazda 10 watt, 120 to 125 volt sign lamps, will be supplied and renewed at a charge equivalent to \$6.00 per month per kw. of rated consumption of lamps installed. This charge is to be added to contract rates after deducting the allowance for carbon lamps.

4. Where flashers are installed on signs, the demand and use of the lamps on circuits controlled by the flasher shall be taken at 75 per cent of the rated consumption of such lamps.
5. (a) The company will contract to inspect, clean and paint signs once a year, put all renewals in place and maintain flasher, if any, for 1 ct. per month for each 10 watt carbon or 5 watt Mazda lamp contained in sign.
(b) On contracts providing for the renewals of Mazda sign lamps in accordance with paragraph 3 (a) hereof, company will contract to inspect, clean and paint signs once a year, and maintain flasher, if any, for ½ ct. per month for each 5 watt Mazda lamp, and 1 ct. per month for each 2½ watt Mazda lamp contained in sign.

BILLING.

It is the intent of the present schedule that service designated as Lighting (see A), Power (see B), and Combined Lighting and Power (see C), electric energy furnished by direct current and alternating current, and service of any description furnished to two or more premises and separately metered or separately billed, company shall cease any present practice of cumulatively billing separate services, separate kinds of electrical energy, and separately metered premises where billed to a single consumer.

RECONNECTION OF SERVICE.

For the reconnection of meters for the same consumer upon the same premises a charge of \$1.50 is deemed reasonable.

INCANDESCENT LAMP SALES AND RENEWALS.

1. RETURN OF LAMPS FOR CREDIT OR RENEWAL DURING PERIOD OF CONTRACT OF SERVICE.

- (1) Customers purchasing electric service at rates providing for free renewals of company's standard lamps or renewals allowances of special lamps may, by purchasing the first installation of lamps at company's regular prices, obtain renewals of lamps in accordance with the schedule of prices published by the company.

**BASIS UPON WHICH APPLIANCES, FIXTURES AND EQUIPMENT
WILL BE SOLD OR RENTED.**

The company will not sell electric service customers appliances, fixtures and equipment at prices less than cost to it plus 6 per cent. Company will lease appliances, fixtures and equipment to electric service customers at rental charges based upon not less than 15% per annum of the cost or present value of such appliances, fixtures or equipment. The cost, where known, shall in every case be used as a basis for determining the rental charges. Where the cost is not known, the market price, as determined by "bona fide" quotation, shall be used as the basis for computing such rentals.

Appliances, fixtures or equipment rented or leased from the company shall be maintained and repaired by the customer.

RENTAL OF METERS.

- (a) In case the consumer desires integrating watt meters installed to measure the consumption of electrical energy by various floors, departments or tenants, company will install such meters upon yearly contracts and charge therefor the following:

Charge for Installation

| Size and type of meter | One meter | Additional meters installed at same time as first meter, each | Annual charge per 12 months, otherwise agreed |
|--|-----------|---|---|
| <i>Single Phase and Direct Current</i> | | | |
| 10 ampere and smaller..... | \$1.00 | \$0.50 | \$3.00 |
| 15 ampere to 75 amp..... | 1.50 | 0.75 | 6.00 |
| 100 ampere to 300 amp..... | 3.00 | 1.00 | 12.00 |
| <i>3 Phase Meters</i> | | | |
| 5 ampere to 25 amp..... | 1.50 | 0.75 | 6.00 |
| 50 ampere to 150 amp..... | 3.00 | 1.00 | 12.00 |

The company will not obligate itself to supply the readings of the individual meters, nor assume any responsibility for their accuracy.

- (b) Should customers desire any rented meters tested and report thereon made, the company will make such test and report and charge therefor the following:

Charge for Testing and Report.

| Size of meter | One meter | Additional meters tested at same time as first meter, each |
|-----------------|-----------|--|
| 5-25 amp..... | \$2.00 | \$1.00 |
| 40-150 amp..... | 2.50 | 1.50 |

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines,

Street Lighting.

None.

MILWAUKEE.

WISCONSIN RIVER POWER COMPANY.

(Principal office located at Milwaukee)

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Power.

Power is furnished under contract at the following rate to The Milwaukee Electric Railway & Light Company: \$153,300 per year for 84,000 kw-hr. delivered and taken each and every day of the year. Surplus service may also be furnished at a rate of 2 mills per kw-hr.

Power is delivered and measured at Watertown, Wis., at 66,000 volts in the sub-station of the Milwaukee Electric Railway & Light company.

Power is furnished the villages of Prairie du Sac, Sauk City, Mazomanie, Black Earth, the Mounty Horeb Heat, Light & Power Company, and Cross Plains Electric Co., at a flat rate of 2.2 cts. per kw-hr., with a discount of 0.2 cts. for prompt payment. Current is delivered and measured at our power house near Prairie du Sac.

Power is furnished the Madison Gas and Electric Company at the following rates:

- (1) An energy charge of four-tenths of a cent per kw-hr.
- (2) A demand charge of \$7.50 per year per kw. of maximum demand up to and inclusive of a demand of 7500 kw.

Power is furnished to the Villages of Dane, Lodi, and Waunakee at the following rates:

Maximum demand charge:

| | | |
|------|---|----------------------------|
| \$42 | per year for each kw. of demand for the first | 10 kw. |
| \$30 | " " " " " " " " " " | next 50 " |
| \$24 | " " " " " " " " " " | 140 " |
| \$18 | " " " " " " " " " " | " all in excess of 200 kw. |

Monthly energy charge:

| | | |
|----|-------------------------------|--------------|
| 3½ | cts. per kw-hr. for the first | 1,000 kw-hr. |
| 2½ | " " " " " " " " " " | next 3,000 " |
| 1½ | " " " " " " " " " " | 6,000 " |
| 1 | " " " " " " " " " " | 40,000 " |

DISCOUNT.

On all bills paid within 10 days of date of bill, a discount of 5% on the first \$25.00 and 1% on amounts in excess of \$25.00 will be given.

Special rate to farmers living outside the village of Prairie du Sac and within a mile from the transmission line built between Prairie du Sac and Madison. Rate not to conflict with company's contract with Madison Gas and Electric Company.

\$2.75 per month for a demand of 500 watts or less of electric energy, at 2300 volts, and 55 cts. for each additional 100 watts of demand, with a discount of 5 cts. per 100 watts of demand if paid within 10 days from date of bill.

MILWAUKEE, TOWN OF

(Milwaukee County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule see M. L. H. & T. Co., Milwaukee, Part I and Part III.)

MINERAL POINT.

(Population, 2,925.)

MINERAL POINT PUBLIC SERVICE CO.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month \$1.00.

12 cts. per kw-hr. for the first 50 kw-hr. used per month.

10 " " " " " next 50 " " " "

7 " " " " " " 50 " " " "

6 " " " " " " 50 " " " "

4 " " all in excess of 200 kw-hr.

Subject to a discount of 1 cent per kw-hr. if paid within 10 days of date of bill.

Commercial Power.

Minimum charge per month 50 cts. per h. p. of motors installed.

| Quantities | Rates per kw-hr. | Equivalent |
|--|---------------------|------------|
| Up to 100 kw-hr. inclusive..... | \$0.08 | |
| For excess over 100 and up to 300 kw-hr..... | .05 | |
| For 300 kw-hr..... | | \$0.06 |
| For excess over 300 kw-hr. and up to 1000 kw.. | .04 | |
| For 1000 kw-hr..... | | .046 |
| For excess over 1000 kw. and up to 5000 kw.. | .035 | |
| For 5000 kw-hr. | | .0372 |
| For excess over 5000 kw. and up to 15000 kw.. | .03 | |
| For 15000 kw-hr..... | | .0324 |
| For excess over 15000 kw. and up to 30000 kw.. | .025 | |
| For 30000 kw-hr..... | | .0287 |
| For excess over 30000 kw. and up to 50000 kw.. | .0238 | |
| For 50000 kw-hr. | | .02674 |
| For excess over 50000 kw. and up to 80000 kw.. | .0225 | |
| For 80000 kw-hr..... | | .02515 |
| For excess over 80000 kw..... | .02 | |

RATES FOR ELECTRIC COOKING AND HEATING.

Minimum charge per month \$1.00.

6 cts. per kw-hr. for the first 50 kw-hr. per month.

5 " " " " " next 50 " " "

4 " " all above 100 kw-hr. per month.

Subject to discount of 1 ct. per kw-hr. if paid within 10 days of date of bill.

The company reserves the right to discontinue the service without further notice if bills are not paid before the 20th of the month succeeding the use of electricity.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

2—400 c. p., 6.6 ampere, a. c., series, gas filled tungsten lamps, burning on a dusk to midnight moonlight schedule. Rate \$75.00 per lamp per year.

155—40 c. p., 6.6 ampere, a. c. series, gas filled tungsten lamps, burning upon a dusk to midnight moonlight schedule. Rate \$15 per lamp per year.

ORNAMENTAL:

36 posts, 5 posts to block, staggered; 3—40 c. p., 6.6 ampere, a. c., series gas filled tungsten lamps on each post; lamps burn from dusk to midnight every night. Rate \$30 per post per year. System paid for by city with exception that first \$500 was paid by merchants. Cost of current paid by city; system maintained by company.

MINNESOTA JUNCTION.

(Population, 204.)

HORICON LIGHT & POWER CO.

(For commercial rate schedule see Horicon.)

Street Lighting.**GENERAL:**

4—100 watt, 110 volt a. c. multiple tungsten lamps burning every night until midnight. Rate \$20 per lamp per year.

ORNAMENTAL:

None.

MINOCQUA.

(Population, 925.)

MUNICIPAL PLANT.

Method of generation _____

Daily operating period _____

Commercial Lighting.

Minimum charge per month, \$0.50.

Current 12 cts. per kw-hr. subject to the following discounts:

Bills of less than \$5.00 no discount.

\$ 5.00 and less than \$10.00—10 % discount.

\$15.00 " " " \$30.00—25 % discount.

\$30.00 " over 33⅓ % discount.

Street Lighting.

No data.

MISHICOT.

(Population, 700.)

MISHICOT ELECTRIC LIGHT & POWER PLANT.

Method of generation, steam and hydraulic.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly bill, 75 cts.

Current, 15 cts. per kw-hr. with following discounts if bill is paid before the 10th of the following month:

Up to \$5.00.....10 per cent.

\$5.00 " 7.50.....15 "

7.50 " 10.00.....20 "

10.00 " 12.50.....25 "

12.50 and over.....33⅓ "

Meters are furnished and installed by company.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

- 1—100 watt, 110 volt d. c. multiple tungsten lamp burning every night until midnight. Rate \$25 per year.
 8—60 watt, 110 volt d. c. multiple tungsten lamps burning every night until midnight. Rate \$9 per lamp per year.

ORNAMENTAL:

None.

MONDOVI.

(Population, 1,325.)

WISCONSIN-MINNESOTA LIGHT & POWER CO.

Method of generation, hydraulic and steam.

Daily operating period, continuous.

***Commercial Lighting**

Minimum charge per month \$0.75.

First 10 kw-hr. per month 15 cts. per kw-hr.

Next 20 " " " 12 " "

All over 30 kw-hr. per month 8 cts. kw-hr.

A discount of 10% is allowed on all bills paid on or before the 10th of the month following that for which service was rendered.

If bill is not paid by the 15th of the month service will be discontinued. A charge of \$0.50 will be made for reconnection.

Commercial Power.

Unlimited service:

Same as lighting but with no minimum charge.

Power used at other than lighting hours:

Minimum charge per month \$1.00 per connected h. p.

Current 4 cts. per kw-hr.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

61—100 c. p., 4 ampere, series, a. c., gas filled tungsten lamps, burning upon an every-night midnight schedule.

16—100 c. p., 4 ampere, series, a. c. gas filled tungsten lamps, burning upon an all-night every-night schedule.

Rate for above street lighting \$1,675.56 per year.

ORNAMENTAL:

None.

MONROE.

(Population, 4,410.)

MONROE ELECTRIC COMPANY.

Method of generation, steam.

Daily operating period, continual.

I. Commercial Lighting.**(a) METER RATE:**

Primary: 12 cts net per kw-hr. for the first 30 kw-hr. per month per active kw. of connected load.

Secondary: 9 cts. net per kw-hr. for the next 60 kw-hr. per month for active kilowatt of connected load.

Excess: 4 cts. net per kw-hr. for all use in excess of 90 kw-hr. per month per kilowatt of connected load.

* Revision of commercial lighting rates pending before the Commission.

The following percentages of connected lighting loads shall be deemed active:

For Class A, which shall include residences, dwellings, flats, private rooming houses, hotels, hospitals and clubs in which meals and rooms are furnished, 60 per cent of the first 500 watts connected and 33 $\frac{1}{3}$ per cent of all in excess of 500 watts connected shall be deemed active.

For Class B, which shall include banks, offices, stores, shops, saloons, billiard and pool halls, depots, theaters, club and lodge rooms, moving picture theaters, and establishments of a similar nature, 70 per cent of the first 2.5 kilowatts connected and 55 per cent of all in excess of 2.5 kilowatts connected shall be deemed active.

For Class C, which shall include public buildings, schools, churches, factories, warehouses, stables, garages, and establishments of a similar nature, 55 per cent of the total connected load shall be deemed active.

The minimum bill for this schedule shall be \$1.00 per month.

(b) FLAT RATE:

50 cts. net, per month per 16 c. p. lamp.

This rate is to apply to hall, toilet and other similar lights, where the consumer has no lighting meter installed. The company shall have the option of installing a meter where there are two or more lamps in one building and must do so if there are four lamps or more.

(c) RENTAL OF CLUSTERS:

A monthly charge of 25 cts. in addition to the regular charge for current, shall be made for the use and maintenance of four-light clusters installed complete at the expense of the company. The company is to furnish free tungsten lamp renewals of any size desired for the first five years after the installation of the cluster, at the end of which period the cluster, complete and installed, shall become the property of the consumer and the monthly rental charge shall cease.

(d) OFF-PEAK LIGHTING RATE:

This rate shall apply to lighting consumers not using current from 4:30 p. m. to 10 p. m. during the months of November, December, January, February and March, and from 6:00 p. m. to 10 p. m. during the months of April, May, June, July, August, September and October.

Time-limiting devices shall be installed at the consumer's expense, such instruments to be set for the periods above specified and controlled by the company.

The rate for such off-peak service shall be:

8 cts. net per kw-hr. for the first 30 kw-hr. used per month per active kw. of connected load.

6 cts. net per kw-hr. for the next 60 kw-hr. used per month per active kw. of connected load.

4 cts. net per kw-hr. for all use in excess of 90 kw-hr. per month per kw. of connected load.

II. Commercial Power.

REGULAR SCHEDULE.

(a) LIMITED USE:

This rate shall apply to consumers not using current from 4:30 p. m. to 10:30 p. m. during the months of November, December, January, February and March, and from 6:00 p. m. to 10:00 p. m. during the months of April, May, June, July, August, September and October.

Service charge: \$0.70 net per month per active horse power connected.

Energy charge:

Primary: 3.0 cts. per kw-hr. for the first 70 kw-hr. per month per active horse power connected.

Excess: 2.0 cts. per kw-hr. for all current in excess of 70 kw-hr. per month per active horse power connected.

The sum of the service and energy charges shall not exceed 10 cts. per kw-hr. if the total bill exceeds the minimum monthly charge. The minimum monthly charge for this schedule shall be 50 cts. per horse power connected.

The minimum charge shall be based on the rated capacity of equipment used under this schedule and 746 watts shall be considered the equivalent of one h. p. when the equivalent is rated in watts or kilowatts.

The active load shall be determined as follows:

Power, 90 per cent of the first 10 h. p. shall be deemed active.

| | | | | | | | | | |
|----|---|---|---|----------|----|---|---|---|---|
| 75 | " | " | " | next | 20 | " | " | " | " |
| 60 | " | " | " | " | 30 | " | " | " | " |
| 50 | " | " | " | all over | 60 | " | " | " | " |

Except, however, if capacity of the motor exceeds the possible load, total possible load shall be deemed h. p. connected.

(b) UNLIMITED USE:

The foregoing power schedule plus 10 cts. per active horse power in the service charge shall apply to use of current for power not limited as to time.

III. Cooking.

Primary: 7.5 cts. net, per kw-hr. for the first 15 kw-hr. per month per kw. of active load.

Secondary: 5.0 cts. net, per kw-hr. for the next 30 kw-hr. per month per kw. of active load.

Excess: 3.0 cts. net, per kw-hr. for all use in excess of 45 kw-hr. per month per kw. of active load.

Twenty per cent of the rated capacity of cooking equipment shall be deemed active.

If not more than 20 per cent of the connected load is power, the whole shall be deemed heating.

The minimum bill for this schedule shall be \$1.00 per month.

IV. Incidental Appliances.

Incidental appliances not exceeding 600 watts for any one appliance, such as electric fans, flatirons, private washing machines, toasters, ranges of under 1.5 kw. and other similar household conveniences, shall be placed on the lighting rate but omitted from the calculation of connected load. That portion of the rated load in excess of 600 watts for any one appliance shall be added to the connected load in computing the active load. It is further provided that any consumer having a connected load of over 2 kw. consisting of the above appliances including motors, may at his option have a power meter installed and pay for the current consumed by such load at the power rate.

A charge of \$1.00 is made for reconnecting the same consumer on the same premises.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

82—4 ampere, a. c., series, magnetite, carbon arc lamps, burning upon an all-night moonlight schedule. Rate \$65 per lamp per year.

- 7—40 c. p., 4 ampere, a. c. series tungsten lamps, burning upon an all-night moonlight schedule. Rate \$18 per lamp per year.
 8—40 watt, 110 volt, a. c., multiple tungsten lamps, burning upon an all-night every-night schedule. Rate \$24 per lamp per year.

ORNAMENTAL:

None.

MONTELLO.

(Population, 1,104.)

MONTELLO & HARRISVILLE ELECTRIC LIGHT & POWER CO.

Method of generation, hydraulic.

Daily operating period, 5 a. m. to midnight.

Commercial Lighting.

Minimum monthly charge \$1.00.

10 cts. per kw-hr. for first 50 kw-hr.

8 " " " " next 25 "

6 " " " " over 75 "

Marquette County (contract).

1—200 watt gas filled tungsten lamp.... \$60.00 per annum.

3—16 c. p..... 14.40 "

14—16 c. p..... 25.50 "

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

- 14—200 watt, 1—400 watt and 33—100 watt, 110 volt a. c. multiple gas filled tungsten lamps burning every night until midnight.
 Flat charge of \$1,800 per year.

ORNAMENTAL:

None.

MONTFORT.

(Population, 558.)

MINERAL POINT PUBLIC SERVICE CO.

(See Mineral Point for rate schedule.)

Street Lighting.

GENERAL:

- 1—400 c. p., 6.6 ampere, a. c. series, gas filled tungsten lamps, burning upon a dusk to midnight moonlight schedule. Rate \$75 per lamp per year.
 34—40 c. p., 6.6 ampere, a. c. series, gas filled tungsten lamps, burning upon a dusk to midnight moonlight schedule. Rate \$18 per lamp per year.

ORNAMENTAL:

None.

MONTICELLO.

(Population, 671.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, dusk to 11 p. m.

Commercial Lighting.

Minimum charge per month \$0.50.

Service charge 10 cts. per month.

Current 10 cts. per kw-hr.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

25—6.6 ampere a. c. series carbon arc lamps burning on a moonlight dusk to 11 p. m. schedule. Flat charge of \$1,000 per year.

ORNAMENTAL:

None.

MOSINEE.

(Population, 482.)

WISCONSIN VALLEY ELECTRIC CO.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

For all lighting service furnished residences and businesses (herein after specifically referred to as classes A, B and C) including such incidental use of appliances for heating and power used on lighting circuits and passing through the same meter, and measured by a meter or meters owned and installed by the company, a charge of:

Primary rate: 12 cts. net, or 13 cts. gross, per kw-hr. for current used equivalent to or less than the first 30 kw-hr. per month per kw. of active connected load.

Secondary rate: 10 cts. net or 11 cts. gross per kw-hr. for current used equivalent to or less than the next 60 kw-hr. per month per kw. of active connected load.

Excess rate: 7 cts. net or 8 cts. gross per kw-hr. for current used in excess of the above 90 kw-hr. per month of active connected load.

Active connected load shall in each case be a fixed percentage of the total connected load of the lamps installed on the consumer's premises, excluding appliances.

Class A includes residences, flats and private rooming houses. Where the total connected load is equal to or less than 500 watts nominal rated capacity, 60 per cent of such total connected load shall be deemed active; where the installation exceeds 500 watts nominal rated capacity, 33 $\frac{1}{3}$ per cent of the excess of the total connected load over and above 500 watts shall be deemed active.

Class B includes stores, saloons, offices, banks, halls, theaters and all others not herein otherwise specifically provided for. In this class 70 per cent of the first 2.5 kw. and 55 per cent of all additional connected load shall be deemed active.

Class C includes, churches industrial establishments, livery stables, garages, barns, club rooms, hotels, schools, libraries, city hall and hospitals. In this class 55 per cent of the connected load shall be deemed active.

Minimum Bill. The minimum bill shall be 50 cts. per month. Where the utility is unable to read meter after reasonable effort the fact will be plainly indicated upon the monthly bill, the minimum charge assessed and differences adjusted with the consumer when the meter is again read.

Discount. The utility will bill all consumers at the gross rate, and the difference between the gross and net rates above specified, or one cent per kw-hr. will constitute a discount for payment on or before the 15th of the month.

Reconnection of Meter For the reconnection of a meter for the same consumer upon the same premises a charge of \$1 will be made.

Cooking and heating rate.

For installations not exceeding 5 kw. maximum demand.

Minimum bill \$2.00 per month.

First 100 kw-hr. per month 3 cts. per kw-hr.

All over 100 " " " 2 " " "

Commercial Power.

For current used for power purposes and measured by meters owned and installed by the company, the rate shall be:

Service charge: 50 cts. per month for the first horse power or fraction thereof and 50 cts. for each additional horse power of connected load.

Energy charge: 5 cts. net or 6 cts. gross per kw-hr. for all current consumed.

The maximum rate for power shall, however, not exceed 10 cts. per kw-hr., nor shall the minimum monthly bill be less than 50 cts. for the first horse power or fraction thereof and 50 cts. for each additional horse power of connected load.

The provisions for discount and reconnection of meters, as stated under the schedule for commercial lighting, shall also apply to power.

Special contract with one power customer.

Municipal Pumping Rate.

First 200 kw-hr. per month 6 cts. per kw-hr.

Next 100 " " " 5 " " "

All over 300 " " " 4 " " "

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

52—100 c. p. 6.6 ampere, a. c. series gas filled tungsten lamps burning from dusk to 11 p. m. Rate \$12 per lamp per year.

ORNAMENTAL:

None.

MT. HOREB.

(Population, 1,048.)

MT. HOREB HEAT, LIGHT & POWER CO.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

For all lighting service furnished residences and business (hereinafter specifically referred to as classes A, B and C) including such incidental use of appliances for heating and power used on lighting circuits and passing through the same meter, and measured by a meter or meters owned and installed by the company a charge of:

Primary rate: 14 cts. net or 15 cts. gross per kw-hr. for current used equivalent to or less than the first thirty hours' use per month of the active connected load.

Secondary rate: 12 cts. net or 13 cts. gross per kw-hr. for additional current used equivalent to or less than the next sixty hours' use per month of active connected load.

Excess rate: 9 cts. net or 10 cts. gross per kw-hr. for all additional current used in excess of the above ninety hours' use per month of active connected load.

Active Connected Load shall in each case be a fixed percentage of the total connected load of the lamps installed on the consumer's premises, excluding appliances.

Class A includes residences, flats and private rooming houses. Where the total connected load is equal to or less than 500 watts nominal rated capacity, 60 per cent of such total connected load shall be deemed active; where the installation exceeds 500 watts nominal rated capacity, $33\frac{1}{3}$ per cent of such part of the total connected load over and above 500 watts shall be deemed active.

Class B includes stores, saloons, offices, banks, halls, theaters and all others not herein otherwise specifically provided for. In this class 70 per cent of the first 2.5 kw. and 55 per cent of all additional connected load shall be deemed active.

Class C includes churches, industrial establishments, livery stables, garages, barns, club rooms, hotels, schools, libraries, city hall and hospitals. In this class 55 per cent of the connected load shall be deemed active.

Minimum Bill. The minimum bill shall be \$1 per month. Where the utility is unable to read meter after reasonable effort the fact will be plainly indicated upon the monthly bill, the minimum charge assessed and differences adjusted with the consumer when the meter is again read.

Discount. Utility shall bill all consumers at the gross rate, and the difference between the gross and net rates above specified, or one cent per kw-hr., shall constitute a discount for payment on or before the 10th of the month.

Reconnection of Meter. For the reconnection of a meter for the same consumer upon the same premises a charge of \$1 will be made.

Commercial Power.

For current used for power purposes, and measured by meters owned and installed by the company, the rate shall be:

Service charge: 75 cts. net per month for the first h. p. or fraction thereof and 75 cts. for each additional h. p. of connected load.

Energy charge: 5 cts. net or 6 cts. gross per kw-hr. for the first 50 hours' use per month of the connected load, and 3 cts. net or 4 cts. gross for all use of the connected load in excess of 50 hours monthly.

The provisions for discount and reconnection of meters as stated under the schedule for commercial lighting shall also apply to power.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

43—100 c. p. 6.6 ampere a. c. series tungsten lamps burning on a moonlight, midnight schedule. Rate \$18 per lamp per year.

ORNAMENTAL:

29 posts, 6 posts to block in pairs; 1—300 watt, 110 volt a. c. tungsten lamp on each post; burning from dusk to 11 p. m. Current 7 cts. per kw-hr. System installed by abutting property owners and by subscription. Utility bears cost of maintenance. Village pays for current.

MUSCODA.

(Population, 798.)

MUNICIPAL PLANT.

Method of generation, hydraulic.

Daily operating period, dusk to 1 a. m.

Commercial Lighting.

Minimum monthly bill, 75 cts.

Current, 8 cts. per kw-hr.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

28—100 c. p. and 6—400 c. p. 6.6 ampere a. c. series gas filled
tungsten lamps burning every night from dusk to 1 a. m.
Rate \$22 per lamp per year.

ORNAMENTAL:

None.

MT. PLEASANT, TOWN OF

(Racine County.)

WISCONSIN GAS & ELECTRIC CO.

(See rural rate schedule for Town of Geneva.)

Street Lighting.

None.

MT. PLEASANT, TOWN OF

(Racine County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule see, M. L. H. & T. Co., Milwaukee, Part III.)

MUKWONAGO.

(Population, 615.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.(For commercial rate schedule see, M. L. H. & T. Co., Milwaukee
Part I.)**Street Lighting.****GENERAL:**

53—60 c. p., 6.6 ampere a. c. series tungsten lamps burning all
night every night. Rate \$25.80 per lamp per year.

ORNAMENTAL:

None.

MUKWONAGO, TOWN OF

(Waukesha County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule see M. L. H. & T. Co., Milwaukee, Part III.)

MUSKEGO, TOWN OF

(Waukesha County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule see, M. L. H. & T. Co., Milwaukee, Part III.)

NASHOTAH.

(Population, 250.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For commercial rate schedule see M. L. H. & T. Co., Milwaukee Part II.)

Street Lighting.

None.

NECEDAH.

(Population, 1,054.)

NECEDAH MILLING AND ELECTRIC CO.

Method of generation, steam and hydraulic.

Daily operating period, sundown to sunrise, Saturday to 12 p. m.

Commercial Lighting.**METER RATES:**

Minimum monthly bill, \$1.00.

Current, 15 cts. per kw-hr. for the first 50 kw-hr.

10 cts. per kw-hr. for excess.

Meter rent, 25 cts. per month.

FLAT RATES:*Residences.*

First 2 lights, 32 c. p. \$1.00 each; 16 c. p., 50 cts. each; 8 c. p. 30 cts. each.

Next 4 lights, 32 c. p., 70 cts. each; 16 c. p., 35 cts. each; 8 c. p. 25 cts. each.

Above 6 lights, 32 c. p., 40 cts. each; 16 c. p., 20 cts. each; 8 c. p., 25 cts. each.

Stores and Other Places.

8 c. p. incandescent lamps.....30 cts. each per month.

16 c. p. incandescent lamps.....50 cts. each per month.

32 c. p. incandescent lamps....\$1.00 each per month.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

65—60 watts, 220 volt d. c. series tungsten lamps burning on a moonlight midnight schedule. Rate \$12 per lamp per year.

ORNAMENTAL:

None.

NEENAH.

(Population, 5,734.)

WISCONSIN TRACTION, LIGHT, HEAT, & POWER CO.

Method of generation, hydraulic and steam, plant at Appleton.

Daily operating period, continuous.

(See Appleton for commercial rate schedule.)

Street Lighting.**GENERAL:**

96—6.6 ampere a. c. series carbon arc lamps burning all night every night. Rate \$65 per lamp per year.

ORNAMENTAL:

None.

NEILLSVILLE.

(Population, 1,957.)

WISCONSIN-MINNESOTA LIGHT AND POWER CO.

Method of generation, hydraulic and transmission.
 Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

Minimum bill \$0.75 for each meter connected.

First 50 hours' use of active load 12½ cts. per kw-hr.

Next 50 " " " " " 8 " " "

Over 100 " " " " " 4½ " " "

The active connected load is determined by classification as follows:

Class A:

Where the total connected load is equal to or less than 500 watts nominal rated capacity, 60% of such total connected load shall be active. Where the installation exceeds 500 watts nominal rated capacity 33⅓% of the excess is active.

Class B:

80% of the total connected load is active except the sign and window lighting, 33⅓% of which is active.

Class C:

55% of the total connected load is active.

Discount:

A discount of ½ cent per kw-hr. for the first 50 hours' use of the demand is given to lighting customers for payment of bills at the office of the company within 10 days of their date.

FLAT RATE:

Where desired, a flat rate of 1¼ cts. per watt per month will be made for such lighting; provided, the customer will install an approved time switch to turn lights on at dusk and off at 11 o'clock, giving a total annual burning of nineteen hundred hours. The time switch is to be under the control of the lighting company.

Commercial Power.

The minimum monthly bill is 75 cts. per h. p., but shall not be less than \$1.00.

Where motors and lights are connected through the same meter, a minimum charge is made for both lights and motors.

Up to 20 h. p. connected load:

First 50 hours' use of maximum demand 6 cts. per kw-hr.

All over 50 hours use of maximum demand 3 cts. per kw-hr.

20 h. p. and larger:

Service charge 75 cts. per h. p. per month.

Energy charge 2 cts. per kw-hr.

Term "Maximum demand" means the rated capacity of motors or motor in horse power multiplied by 746 watts.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

59—100 c. p., 7.5 ampere a. c. series gas filled tungsten lamps burning all night every night. Rate \$24 per lamp per year.

35—250 c. p., 7.5 ampere a. c. series gas filled tungsten lamps burning all night every night. Rate \$32 per lamp per year.

1—400 c. p., 7.5 ampere a. c. series gas filled tungsten lamp burning all night every night. Rate \$42 per year.

ORNAMENTAL:

24 posts, 8 posts to block in pairs; 1—250 c. p., 7.5 ampere gas filled tungsten lamp on each post; half of the lamps burn until midnight and the remainder all night. Rate \$27 per post per year. City pays for service. Cost of maintenance borne by utility for first ten years.

NEKOOSA.

(Population, 1,570.)

NEKOOSA-EDWARDS LIGHT AND POWER CO.

Method of generation, hydraulic, steam auxiliary.

Daily operating period, continual.

Commercial Lighting.

Minimum charge per month 80 cts.

Current, 10 cts. per kw-hr. with 20% discount if bills are paid on or before the 15th of the month.

Commercial Power.

Minimum charge per month, 80 cts.

Current 3 cts. per kw-hr. with 20% discount if bills are paid on or before the 15th of the month.

Rates for Electric Heating and Cooking.

Minimum charge per month, 80 cts.

Current 3 cts. per kw-hr. with 20% discount if bills are paid on or before the 15th of the month.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

20—100 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning from ½ hour after sunset to 2:00 a. m. and from 5:00 a. m. to ½ hour before sunrise. Rate \$21.50 per lamp per year.

36—200 c. p., 6.6 ampere, a. c. series, gas filled tungsten lamps, burning from ½ hour after sunset to 2:00 a. m. and from 5:00 a. m. to ½ hour before sunrise. Rate \$38.50 per lamp per year.

16—400 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning from ½ hour after sunset to 2:00 a. m., and from 5:00 a. m. to ½ hour before sunrise. Rate \$48 per lamp per year.

ORNAMENTAL:

None.

NEOSHO.

(Population, 304.)

NEOSHO ELECTRIC CO.

Method of generation —————

Daily operating period —————

Commercial Lighting.**METER RATES:**

Minimum charge per month \$1.00.

Current 15 cts. per kw-hr.

FLAT RATES:

Dance hall \$3.00 per dance.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

No data.

NESHKORO.

(Population, 379.)

NESHKORO LIGHT & POWER CO.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.

For all lighting service furnished residences and businesses hereinafter specifically referred to as classes A, B, C, etc., and passing through the same meter and measured by a meter or meters owned and installed by the company. This lighting service includes: electric energy furnished for lamps and other appliances utilized for illumination purposes; motors and appliances other than lighting equipment, when motors are of 1 h. p. rated capacity or less.

Primary Rate: 9 cts. net or 10 cts. gross per kw-hr. for current used equivalent to or less than the first 60 kw-hr. used per month per active kw.

Secondary Rate: 7 cts. net or 8 cts. gross per kw-hr. for additional current used equivalent to or less than the next 40 kw-hr. used per month per active kw.

Excess Rate: 4 cts. net or 5 cts. gross per kw-hr. for all current used in excess of the above 100 kw-hr. used per month per active kw.

The *active load* in kw. shall in every case be a fixed percentage of the connected load in lamps installed upon consumers' premises.

Class A. Residences, dwellings, flats and private rooming houses.

When the total connected load is equal to or less than 500 watts nominal rated capacity, 60 per cent of such total connected load shall be deemed active. When the installation exceeds 500 watts nominal rated capacity, 33⅓% per cent of such part of the total connected load over and above 500 watts shall be deemed active.

Class B. When the total connected load is equal to or less than 2½ kw. nominal rated capacity, 70 per cent of such total connected load shall be deemed active. When the installation exceeds 2½ kw. nominal rated capacity, 55 per cent of such part of the total connected load over and above 2½ kw. shall be deemed active; provided that lamps used exclusively in space devoted to the storing of goods shall be placed at 20% active and shall not be included in the 2½ kw. specified above.

Class B shall consist of banks, offices, business and professional (including studios, dressmaking parlors, massage parlors, millinery and hair dressing establishments, and photograph galleries), wholesale and retail merchandise establishments, such as bakeries, barber shops and stores of all kinds, saloons (including pool and billiard halls and adjoining card rooms), theaters, dance and public halls, restaurants, depots and public places for the conduct of railroad, express and telephone business (excluding freight warehouses) and all other consumers not herein otherwise specifically provided for.

Class C. 55% of the total connected load is deemed active. Such class shall consist of federal and county buildings; churches and missions, hotels and clubs; factories (including small industrial establishments such as machine shops, carpenter shops, blacksmith shops, tin shops and cigar factories), closing not later than 6 p. m., private and parochial schools, grain and stone elevators and warehouses, freight and storage warehouses, stables and garages, both private, boarding and livery, and all

interior lighting for the villages of Neshkoro, Redgranite, Lohrville and Wautoma, including schools, police and fire stations, libraries, hospitals and other city or village buildings.

Class D. The total connected load is deemed active. Such class shall consist of unmetered lighting for signs, outlines and windows, contracted for upon a yearly basis.

The Minimum Bill for general commercial and residence lighting shall consist of a charge of \$1.00 net per month for 1,000 watts or less of connected load, plus 5 cts. for each additional 50 watts of connected load.

Power.

This service includes electric energy utilized for motor and miscellaneous lighting service, where the demand arising from such miscellaneous lighting service shall not be in excess of 20% of the total simultaneous demand for lighting and power service. Stereopticons, moving picture machines, photographer's arcs and rectifiers shall be billed at the power rate when separately metered from the lighting.

For current used for electric power purposes, as measured by meters owned and installed by the company, a maximum charge of \$1.25 net per active h. p. capacity per month, plus 4 cts. net or 5 cts. gross per kw-hr. Active h. p. shall consist of a fixed percentage of the nominal rated capacity of motor as indicated on the manufacturer's nameplate.

The following percentage of such capacity shall be deemed active:

| | |
|------------------------------------|-----|
| The first 10 h. p. installed..... | 90% |
| The next 20 h. p. installed..... | 75% |
| The next 30 h. p. installed..... | 60% |
| All over 60 h. p. installed..... | 50% |
| Minimum bill \$2.50 net per month. | |

DISCOUNT.

Lighting and Power.

The company will bill all consumers at the gross rate and the difference between the gross and net rates, or 1 ct. per kw-hr., shall constitute a discount for prompt payment. Fifteen days from date of bill is considered as the limit of time discount privilege is effective.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

7—400 watt, 116 volt a. c. multiple gas filled tungsten lamps burning on a moonlight midnight schedule. Rate \$37.50 per lamp per year.

2—60 watt, 116 volt a. c. multiple tungsten lamps burning on a moonlight midnight schedule. Rate \$37.50 per lamp per year.

ORNAMENTAL:

None.

NEW BERLIN, TOWN OF

(Waukesha County.)

MILWAUKEE LIGHT, HEAT & TRACTION COMPANY.

(For rate schedule see M. L. H. & T. Co., Milwaukee, Part II and Part III.)

NEW BUTLER.

(Population ———)

NEW BUTLER ELECTRIC LIGHT CO.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month \$1.00

First 10 kw-hr. per month 15 cts. per kw-hr.

Next 40 " " " 13 " " "

Next 50 " " " 12 " " "

Next 100 " " " 10 " " "

All over 200 " " " 8 " " "

Discount of 5% if bill is paid within 10 days of date.

Commercial Power.

Minimum charge per month \$2.00 for the first 2 h. p. and \$.75 for each additional h. p.

First 200 kw-hr. per month 8 cts. per kw-hr.

Next 200 " " " 6 " " "

All over 400 " " " 5 " " "

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

29—100 watt, 110 volt a. c. multiple tungsten lamps burning all night every night. Rate \$34 per lamp per year.

ORNAMENTAL:

None.

NEW GLARUS.

(Population, 708.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, 5 a. m. to 11 p. m.

Commercial Lighting.

Service charge \$.25 per month.

Current 10 cts. net or 11 cts. gross per kw-hr.

Difference between net and gross rate constitutes discount if bill is paid before the 15th of the month following that for which service was rendered.

Commercial Power.

Service charge \$.50 per connected h. p. per month.

Current:

First 100 kw-hr. per month 6 cts. per kw-hr.

Next 100 " " " 5 " " "

All over 200 " " " 4 " " "

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

4—200 watt, 220 volt d. c. multiple tungsten lamps burning every night every night until 11 p. m. Rate \$50 per lamp per year.

20—600 c. p. 6.6 ampere d. c. series gas filled tungsten lamps burning every night until 11 p. m. Rate \$25 per lamp per year.

ORNAMENTAL:

None.

NEW HOLSTEIN.

(Population, 839.)

MUNICIPAL PLANT.

Method of generation, kerosene engines.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month \$1.00.

Current 12 cts. per kw-hr.

A charge of \$2.00 is made for reconnecting the same consumer upon the same premises.

Meters are owned by utility.

Street Lighting.**GENERAL:**

39—60 c. p., 4 ampere, a. c. series tungsten lamps, burning upon an all-night every-night schedule. Current metered at 9 cts. per kw-hr.

113—100 c. p., 4 ampere, a. c. series, tungsten lamps, burning upon an all-night every-night schedule. Current metered at 9 cts. per kw-hr.

ORNAMENTAL:

None.

NEW LISBON.

(Population, 1,074.)

MUNICIPAL PLANT.

Method of generation, producer gas.

Daily operating period, dark until daylight.

Commercial Lighting.

Minimum charge per month \$1.00.

Current 15 cts. per kw-hr.

Bills paid on or before the 10th of the month following that for which service was rendered are subject to the following discounts:

\$20.00 and over25% discount

No charge is made for connecting consumer's premises with lines.

Bills up to \$3.0010% discount

\$3.00 up to \$10.0015% discount

\$10.00 to \$20.0020% discount

Meters are owned by utility.

Street Lighting.**GENERAL:**

98—80 c. p., 3.5 ampere, a. c. series, gas filled tungsten lamps, burning upon an all-night schedule. No charge.

ORNAMENTAL:

None.

NEW LONDON.

(Population, 3,383.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

Minimum monthly bill, 75 cts.

Current, 10 cts. per kw-hr.

FLAT RATES:

One, two, or three lamps only, 16 c. p., 10 o'clock service, 60 cts. per lamp per month. 1 o'clock service, 75 cts. per lamp per month; all night service, \$1.25 per lamp per month.

Discount 10% on all bills over 75 cts. paid before 15th of the month.

Commercial Power.

Minimum charge per month \$1.00 per h. p. for the first 2 h. p. and 50 cts. for each additional h. p.

6 cts. per kw-hr. per month for the first 200 kw-hr.

5 " " " " " " " next 200 "

4 " " " " " " " next 600 "

3 " " " " " " " all over 1,000 "

Discount of 10% on all bills over minimum paid before the 15th of the month.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

10—400 watt, 110 volt, a. c., multiple gas filled lamps, burning upon an all-night moonlight schedule. Rate \$46 per lamp per year.

70—300 watt, 110 volt, a. c. multiple gas filled lamps, burning upon an all-night moonlight schedule. Rate \$46 per lamp per year.

ORNAMENTAL:

None.

NEW RICHMOND.

(Population, 1,988.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month \$0.75.

Service charge 4 cts. per socket per month.

Current 4 cts. per kw-hr.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

146—60 watt, 110 and 220 volt a. c. multiple tungsten lamps burning all night every night. Rate \$6.66 per lamp per year.

ORNAMENTAL:

28 posts, 8 posts to block in pairs; 1—100 watt tungsten and 4—100 watt gas filled tungsten 110 volt a. c. multiple lamps on each post burning all night, every night. Rate \$6.66 per lamp per year. System installed by city. City pays cost of maintenance and current.

NEW RICHMOND.

(Population, 1,988.)

NEW RICHMOND POWER CO.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Power.

| | |
|--|---------|
| For electrical current to be used for lighting and power purposes, for 24 hours' service, subject to temporary discontinuance of service to make necessary repairs without deduction on account of such necessary interruption, and based upon the maximum demand of the customer at the time of the peak of the load, in quantities of 25 h. p. or more, to be measured on the secondary terminals of the transformers supplying customers, per h. p. per year..... | \$36.00 |
| For electrical current for elevating and cleaning grain, grinding feed, to be used mostly during daylight, and including the use of a motor, in quantities of 10 h. p. or more, per h. p. per year..... | 35.00 |
| For electrical current to drive ventilating fan, 8 ft. in diameter, 220 revolutions per minute, the fan to render service as the one this date installed in the public high school building in New Richmond, and to be run in a substantially similar manner and times, not exceeding, however, 7½ h. p., per year..... | 262.50 |
| For electrical current to drive machinery such as is now installed in the creamery belonging to Superior Creamery Co., including the use of a 5 h. p. motor, service to be rendered during daylight only, per year..... | 175.00 |
| For electrical current to operate wood working factory containing machinery similar to that now owned and operated by W. H. Burrowes, and during daylight only and doing no more work than done by said Burrowes, per year | 90.00 |
| For current to operate machine shop with machinery in same substantially the same as that now operated by Duer & Armstrong, mostly by daylight and without any motor, per year | 100.00 |
| For current for lighting and power service furnished the Inter-County Coöperative Packing Co. during time of surplus water. Current 1.15 cts. per kw-hr. plus \$1.00 per month per kw-hr. of connected lighting load. Minimum monthly charge..... | 50.00 |
| For current to operate sausage machines in meat market, per year | 25.00 |
| For current to drive ventilating fans, not more than 18 inches in diameter, per year..... | 24.00 |
| For current to operate X-ray machines in doctors' offices, per year..... | 12.00 |
| For current to operate dental machines, per year..... | 12.00 |
| For current to operate ventilating fans, not over 16 inches in diameter, per year..... | 12.00 |
| For current to operate coffee grinding machines in stores, per year..... | 12.00 |
| For current to operate blowers for blacksmith shop, trip hammer, drill press, not over 1 h. p. motor, per year. | 50.00 |
| For current to operate 1 h. p. motor at intervals on any location in the city where special lines on the street are not required, per year..... | 50.00 |
| For current to operate ½ h. p. motor as above, per year.. | 25.00 |
| For electric current to be used during daylight only from March 15th to November 15th following, 5 h. p., per year | 100.00 |
| For current to operate cylinder presses, linotype, job presses, paper folding machines, substantially the | |

| | |
|---|-------|
| same in size and number as now operating in the printing office of the New Richmond News and Republican Voice, per year..... | 62.00 |
| For electric current to heat tailor's goose for use in tailor's shop, each goose to consume approximately 700 watts, rate per each goose, per year..... | 30.00 |
| For electric current to drive 1 h. p. motor to be used in operating a mixer in a bakery for kneading dough for bread making, rate, per year..... | 24.00 |
| To any customer desiring 5 h. p. or less and whose plant is located 1,600 feet or more distant from our lines which have a capacity to serve him, we will furnish free current for two years, provided customer will erect our transmission line at his own expense, putting in a weather-proof line with not more than 10% drop, the current to be used between March 15th and December 1st annually during daylight only. | |
| For current in any factory, using 5 h. p. or more and operating ordinarily 10 hours per day, from 7 a. m. to 6 p. m., \$35.00 per year per h. p. | |
| For current for garages for operating air pump for automobile tires \$1.00 per month. | |
| For charging batteries for electric runabouts \$36.00 per year for each such automobile, or \$4.00 per month if service is supplied only during the active months. | |
| For moving picture lamps to be operated by motor generator set, for one lamp only, and for ventilating fans in the theatre \$12.00 per month. | |
| For electric current for heating and cooking purposes in residences where same can be supplied from lines available 2 cts. per kw-hr., with \$2.00 per month minimum. In consideration of the low rate, the power company is to have the privilege of discontinuing this service for such time as it may not be convenient for them to furnish current on account of shortage of water in Apple river. If current is to be furnished continuously, regardless of the state of water, then 3 cts. per kw-hr. during the whole year for such service. | |

Meters are owned by the utility.

Consumers bear the expense of connection with lines.

Street Lighting.

None.

NORTH FREEDOM.

(Population, 647.)

CITY LIGHTING CO.

Method of generation, gas.

Daily operating period, dusk to 11 p. m.

Commercial Lighting.

Minimum monthly bill, \$1.00.

Current 15 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

Data incomplete.

NORTH HUDSON.

(Population, 474.)

BURKHARDT MILLING & ELECTRIC POWER CO.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly charge, \$0.75.

10 cts. per kw-hr. for residence lighting.

8 cts. per kw-hr. for business lighting.

Discount if bills are paid before the 25th of the succeeding month:

| | | |
|-----------------|----------------|----------------------|
| Monthly bill \$ | .00 to \$ 4.00 | no discount. |
| " " | 4.00 to 6.00 | 5 per cent discount. |
| " " | 6.00 to 10.00 | 10 " " " |
| " " | 10.00 to 15.00 | 15 " " " |
| " " | 15.00 to 20.00 | 20 " " " |
| " " | 20.00 to 25.00 | 25 " " " |
| " " | 25.00 to 30.00 | 30 " " " |
| " " | 30.00 and over | 30 " " " |

Cooking rate.

Minimum monthly charge 0.75 cts.

3 cts. per kw-hr. with a discount of 10 per cent if bill is paid ten days from date.

Commercial Power.

Minimum charge of \$1.35 for the first h. p. per month and \$1.00 for each additional h. p.

6 cts. per kw-hr. for current used by motors of less than 5 h. p.

5 cts. per kw-hr. for current used by motors of 5 h. p. and over.

For motors using 50 kw-hr. per month, per h. p. 20% discount.

| | | | | | |
|-------|-----|-------|-------|-----|---|
| " " " | 75 | " " " | " " " | 30% | " |
| " " " | 100 | " " " | " " " | 40% | " |
| " " " | 150 | " " " | " " " | 50% | " |

Except on bills of \$50.00 and over, on which a discount of 50% is allowed.

Service is discontinued if bills are not paid within thirty days from date, and a charge of \$1.00 is made for reconnection.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Rural Service.

Current 10 cts. per kw-hr.

Discounts if bills are paid by the 10th of the month:

| | | |
|------------------------|-----------|-----|
| Monthly bills up to | 40 kw-hr. | 20% |
| " " 40 to 60 | " | 25% |
| " " 60 to 100 | " | 30% |
| " " 100 to 150 | " | 35% |
| " " 150 kw-hr. or over | | 40% |

Minimum charge of \$3.13 per month for electric lights and appliances including one 1 h. p. motor, and \$1.25 per month for each additional h. p. 20% discount if paid before the 10th of the month.

RATE FOR MOTORS USED FOR SILO FILLERS.

30 cts. per h. p. per day.

All motors of 15 h. p. and larger to be three phase.

Customers required to build their own lines to company's power line and furnish all apparatus except meters.

Street Lighting.**GENERAL:**

10—100 watt, 110 volt a. c. multiple tungsten lamps burning on an all night moonlight schedule. Rate \$18 per lamp per year.

ORNAMENTAL:

None.

NORTH MILWAUKEE.

(Population, 1,860.)

NORTH MILWAUKEE LIGHT & POWER CO.

Method of generation, current purchased.

Daily operating period, continuous.

I. STANDARD RATE.

To customers signing the company's standard forms of contract, providing for service for one year or more, the charge for electric service shall be computed on the following basis:

Demand Charge:

| | | |
|---------|--|--------------------|
| \$42.00 | per year for each kw. of demand of the first | 10 kw. |
| 30.00 | " " " " " " " " " " | next 50 " |
| 24.00 | " " " " " " " " " " | " " " " 140 " |
| 18.00 | " " " " " " " " " " | in excess of 200 " |

Payable in equal monthly installments, plus an energy charge as follows:

Energy Charge:

- 4 cts. per kw-hr. for the first 1,000 kw-hr. consumption during month.
- 3 cts. per kw-hr. for the next 3,000 kw-hr. consumption during month.
- 2 cts. per kw-hr. for the next 6,000 kw-hr. consumption during month.
- 1½ cts. per kw-hr. for the next 40,000 kw-hr. consumption during month.
- 1.3 cts. per kw-hr. for all energy in excess of 50,000 kw-hr. during month.

- 1. The foregoing rate shall apply to all customers utilizing company's electric service for lighting and receiving free renewals of company's standard lamps.
- 2. The foregoing rate less ½ ct. per kw-hr. shall apply to all customers utilizing company's service and not receiving free renewals of company's standard lamps.

(A) ELECTRIC LIGHTING.

- 1. This service shall include:
 - (a) Electric energy furnished for lamps and other appliances utilized for illumination purposes, except as hereinafter specifically exempted.
 - (b) Motors and appliances other than lighting equipment where provided with a starting apparatus designed to limit the initial or starting current to a value not exceeding 2½ times the full load current, alternating current motors of ¼ h. p. when wound for 110 volts and of ½ h. p. when wound for 220 volts, the aggregate rated capacity of such appliances not to exceed 2 kw., will be included in this class when used in connection with lighting equipment and when the connected load of such motors and appliances does not exceed the aggregate rated capacity of lighting equipment.
- 2. Should the conditions of use of customer's demand be obviously such that he would never earn a lower rate under the Standard

than under the Increment Rate Schedule, the Increment Rate Schedule set forth in Section II hereof shall apply. (Contract Form No. 759.) The Increment Lighting Schedule is optional with the Standard Rate.

3. In the application of the Standard Rate one integrating watt meter only shall be provided for the measurement of energy, unless accuracy of measurement requires the installation of more than one meter. Where demand meters are installed, only one set of meters shall be used, and the arithmetical sum of their readings shall be used in computing demand.
4. (a) Exclusive lighting customers having installations of 2 kw. or less shall purchase service providing for free lamp renewals.
(b) In exclusive lighting installations of more than 2 kw. connected, it is optional with the customer whether he shall take the rate providing for free lamp renewals.
(c) In exclusive lighting installations of more than 2 kw. connected and where customer desires to contract for service without free lamp renewals, the energy charge shall be $\frac{1}{2}$ ct. per kw-hr. less than that provided above and Contract Form No. 1938—N shall be endorsed "Without Renewals of Lamps."
5. The maximum rate of charge for energy for lighting service is set forth in Section II.
6. The following table shows the various contract forms under which commercial electric lighting service is sold, and the application of such forms to the various classes of service:

| Form No. | Title | Application |
|----------|---|---|
| 759—N | Contract for Electric Service | (a) Lighting under Increment Schedule with free renewals of company's standard lamps. |
| 759—N | | (b) "Short Time" lighting service. |
| 759—N | | (c) Not to be used for power service. |
| 1938—N | Contract for Commercial Electric Service. | (a) Commercial lighting under Standard Rate with renewals of company's standard lamps. |
| 1938—N | | (b) Commercial lighting service over 2 kw. under Standard Rate, without renewals of company's standard lamps when endorsed "Without Renewals of Lamps." |

(B) POWER.

1. This service will include:

(a) Electric energy utilized for motive and heating purposes, and miscellaneous lighting service, where the demand arising from such miscellaneous lighting service shall not be in excess of 20% of the total simultaneous demand for lighting and power service.

(b) Stereopticons, moving picture machines, photographer's arc lamps and rectifiers shall be classed as power equipment.

2. In the practical application of the Standard Rate, it is found that customers divide themselves generally into two classes—one in which the demand and hours use is so small that they receive no advantage under the Standard Rate, and the other class in which the Standard Rate results in a lower unit cost than the Increment Schedule. In the case of Unlimited, or On-Peak Service, all contracts for demands of 222 kw. or less and requiring an average use of the demand of about 240 hours per month should be written under the Increment Rate Schedule (Contract Form No. 1960—N). Contracts for demands in ex-

cess of 222 kw. and 240 hours use per month should be written under the Standard Rate (Contract Form No. 1968—N).

3. Where service for lighting or other application requiring single-phase current is desired by customer, to be supplied through meter measuring energy as polyphase power service, the unbalancing of the phases of the polyphase service arising from the use of the service for lighting or other purposes shall not exceed 10% of the demand in kw. contracted for or measured. The power factor of such unbalanced single-phase load shall not be less than 75%. Should customer's demand for single-phase service exceed the above, the same shall be divided as nearly as practicable to obtain a balanced condition of the polyphase service. Customer may contract for single-phase requirements in excess of 10% of polyphase demand as a separate single-phase service. Where miscellaneous lighting service is supplied through the same meter as "Power" service (B), customer shall be required to supply apparatus for rendering available 120 volts for lighting service, if such be required.

4. *Optional or Increment Rate for Power Service.* To customers contracting on company's Standard form who use service specified as power for periods of one year or more and do actually so use such service, the charge for electric power service shall be computed at the following rates:

First 100 kw-hr. during any month 8 cts. per kw-hr.

Next 100 " " " " 6 " " "

Next 100 " " " " 5 " " "

Next 300 " " " " 4 " " "

Next 1,400 " " " " 3 " " "

All energy in excess of 2,000 kw-hr. during any month 2 cts. per kw-hr.

- (a) The foregoing optional rate for power does not include renewals of any incandescent lamps.
 (b) The foregoing rate is subject to the minimum monthly payments specified in Section II, (B), 3.
 5. The following table shows the various contract forms under which power service is sold, and the application of such forms to the various classes of service:

| Form No. | Title | Application |
|----------|---|---|
| 1960—N | Contract for Electric Power Service, Increment Rate. | (a) Power and miscellaneous light where demand and energy consumption are small or less than about 222 kilowatts at 240 hours per month use of demand. (b) "Short Time" power service. |
| 1968—N | Electric Power Agreement. | (a) Power and miscellaneous light under Standard Rate. |

(C) COMBINED LIGHTING AND POWER SERVICE.

This service will include electric energy specified as "Lighting" (A), and electric energy specified as "Power" (B), where such combination service is supplied through the same meter.

SPECIAL SERVICES.

(D) LIMITED OR OFF-PEAK SERVICE.

The foregoing rates for "Lighting" service (see A), "Power" service (see B), and "Combined Lighting and Power Service" (see C) less one-half of the demand charge, shall apply to customers

contracting to utilize and utilizing the service only at time during the calendar day other than during the hours of the month, specified as follows:

| Month | Hours during which service shall not be used. |
|----------------|---|
| October | 5:30 p. m. to 7:00 p. m. |
| November | 5:00 p. m. to 7:00 p. m. |
| December | 4:30 p. m. to 7:00 p. m. |
| January | 4:40 p. m. to 7:00 p. m. |
| February | 5:20 p. m. to 7:00 p. m. |
| March | 6:00 p. m. to 7:00 p. m. |

In case customer desires to use service during the specified "off-peak" hours and upon giving the company one hour's notice of such intent, he shall be permitted to use service on any day of the week except Saturday and Sunday, and for each day power is so used customer shall pay:

| | |
|--|---------|
| For each kw. of demand of the first 10 kw. | \$0.17. |
| " " " " " " " " next 50 " | .12. |
| " " " " " " " " 140 " | .10. |
| " " " of demand of excess | .07. |

The demand so paid for shall be that as measured if it exceeds the "off-peak" demand contracted for or otherwise paid for during the current month.

1. Customers shall install and maintain in operating condition an automatic time switch of the type approved by the company.
2. Service under the Off-Peak Schedule for demands of less than 10 kw. will not be solicited or recommended, but will be sold on application. The saving to the customer is small and the complication introduced greater than that warranted by the saving in cost of service.
3. In many cases, customers signing Limited service contracts will require some service for lighting during the hours that service is not available under this schedule. In such cases contract shall include a small demand under the Unlimited service schedule, and all energy supplied under both schedules shall be measured by one meter. In computing the demand charge and the application of the four steps of the demand charge hereto, the demand charge for the Unlimited service shall first be computed and the charge for Limited service shall be continuous thereafter. For example, if the customer contracts to purchase 10 kw. of Unlimited service and 50 kw. of Limited service, the monthly demand charge is computed as follows:

| | |
|-----------------------|---------|
| 10 kw. at \$3.50..... | \$35.00 |
| 50 kw. at 1.25..... | 62.50 |

4. Limited or Off-Peak service shall be sold only on annual contracts. On-Peak service to supplement Off-Peak service during the off-peak hours shall not be sold at the Short Time or Increment Rate.
5. The following table shows the various contract forms under which power service is sold, and the application of such forms to the various classes of service:

| Form No. | Title | Application |
|----------|---|---|
| 1964—N | Limited Electric Power (a) Off-peak power service. Agreement | |
| 1974—N | Combined Unlimited and limited electric power agreement | (a) Combined "on" and "off" peak power and miscellaneous lighting. |
| 2377—N | Combined Unlimited and limited commercial and electric light and power service. | (a) Combined "on" and "off" peak commercial lighting and miscellaneous power. |

(E) TEN-SEVEN SERVICE.

The foregoing rates for "Power" service "B" less three-fourths of the demand charge shall apply to all customers contracting to utilize and utilizing the company's service only during the hours 10:00 p. m. to the following 7:00 a. m. Customer shall install and maintain in operating condition an automatic time switch of the type approved by the company.

1. Contract Form No. 1971—N shall be used for "Ten-Seven" power service.

(F) UNLIMITED BREAK-DOWN SERVICE.

The foregoing rates for "Lighting and Power" service (C) under Unlimited service, shall apply for Break-down or Emergency service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the company. It shall be set to open when the demand exceeds 125% of the kilovoltampere demand contracted for.

1. Contract form No. 1969—N shall be used for "Unlimited Break-down Service."

(G) LIMITED BREAK-DOWN SERVICE.

The foregoing rates for "Lighting and Power" service (C) under Limited or Off-peak Service, shall be furnished for Break-down or Emergency service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the company. It shall be set to open when the demand exceeds 125% of the kilovolt-ampere demand contracted for.

1. Contract form No. 1970—N shall be used for "Limited Break-down Service."

II. MAXIMUM RATE FOR LIGHTING SERVICE AND MINIMUM PAYMENTS.

(A) MAXIMUM RATE FOR LIGHTING SERVICE.

1. The maximum rate of charge for commercial electric lighting service (Section 1, "A") during any month shall not exceed:

First 100 kw-hr. during any month 12 cts. per kw-hr.

Next 100 " " " " 10 " " "

" 100 " " " " 8 " " "

" 300 " " " " 6 " " "

All over 300 kw-hr. " " " " 4 " " "

2. The foregoing rate is subject to prompt payment discount and includes free renewals of company's standard carbon filament lamps and renewal allowances on tungsten or other special lamps.
3. Customers may purchase service without lamp renewals, in which case these rates per kw-hr. shall be reduced $\frac{1}{2}$ ct.
4. The foregoing limitation of the maximum rate of charge for commercial electric lighting service applies only to exclusively commercial lighting customers and shall not apply to any customer purchasing service for Combined Lighting and Power, Break-down Service, or Combined Unlimited and Limited Service.

(B) MINIMUM MONTHLY PAYMENTS.

1. The minimum monthly payment to be made by any customer, except customers purchasing exclusively electric lighting service, or power service at the Optional or Increment power rate, shall be the monthly installment of the annual demand charge.

2. A minimum monthly bill shall be charged of 50 cts. net to customers having connected loads of 300 watts or less and \$1.00 to customers having connected loads in excess of 300 watts, to cover such expenses occasioned by the individual customer as billing, inspecting and maintaining meter and service connections, etc. In addition to such minimum bill a charge of \$1.50 shall be made for each arc lamp installed.
3. A minimum monthly bill under the Optional or Increment Rate for power shall be charged of \$1.50 for an installation of 2 h. p. or less, nominal rated capacity, plus 75 cts. for each additional h. p. or fraction thereof (or \$1 per kw.) nominal rated capacity.
4. A minimum monthly bill for any power customer having an installation of 2 h. p. or less and purchasing service either under the standard or under the Optional or Increment Rate shall be charged of \$1.50.

III. MEASUREMENT OF DEMAND.

The demand is defined as the greatest rate at which electrical energy is used by the customer within any period of fifteen consecutive minutes during the contract year, subject to the methods of determining demand hereinafter specified.

(A) LIGHTING SERVICE.

1. For lighting installations of 2 kw. or less, the demand shall be assessed at 100% of the first 300 watts, plus 66 $\frac{2}{3}$ % of the connected load in addition to the first 300 watts.
2. Where the demand is assessed all sockets not containing lamps shall either be removed or sealed by the company, or counted at 50 watts each.
3. For installations of over 2 kw. the demand shall be measured by permanently installed demand meters, or by monthly readings taken during the normal peak demand of the service. Such readings may be ascertained at the option of the company by counting revolutions of the watt-meter disc, or by printing quarterly hourly readings of the watt-meter, or by a graphic recording watt-meter, or by the so-called Wright demand meter.

(B) POWER SERVICE.

1. The maximum demand upon which the monthly charge for power service (see B) is based shall not be less than 75% of the highest demand ascertained during the period of twelve months ended with the current month.
2. For power installations of 2 kw. connected or less, the demand shall be assessed as 75% of the connected load, as indicated by the manufacturer's rating.

(C) TEMPORARY ASSESSMENT OF DEMAND.

In installations in excess of 2 kw. connected, where customer is connected for service during a month during which the maximum measured demand shall be less than the probable demand obtaining during November, December, January or February, the demand will be assessed in accordance with the following rules, and such assessed demand will be corrected as soon as the actual demand for the year has been measured, and the difference in the demand rate billed upon the assessed or estimated demand and the demand rate based upon the actual or measured demand shall be credited to the customer or paid by the customer as the case may be.

1. In Class "1" customers (Lighting Service) the assessed demand shall be determined as follows:
 - 100 % of the first 300 watts connected.
 - 66 $\frac{2}{3}$ % of the next 1700 watts connected.
 - 55 % of all in excess of the first 2,000 watts connected.
- Class 1 customers shall include all lighting customers except those designated as Class 2.

2. In Class "2" customers (Lighting Service) the assessed demand shall be determined as follows:
- 100 % of the first 300 watts connected.
 - 66⅔% of the next 1700 watts connected.
 - 40 % of all in excess of the first 2,000 watts connected.
- Class 2 customers shall consist of federal and county buildings, churches and missions, hotels and clubs, factories (including small industrial establishments such as machine shops, carpenter shops, blacksmith shops, tin shops and cigar factories, closing not later than 6 p. m.) private and parochial schools, grain and tobacco elevators and warehouses, freight and storage warehouses, stables and garages, both private, boarding and livery, and furniture stores occupying two or more floors above street level.
3. In Class 3 (Power Service) the assessed demand shall be determined as a percentage of the total connected load as indicated by the manufacturer's rating:
- Where installations are under 10 h. p. 75%.
 - Where installations are over 10 h. p. and less than 50 h. p. 65%.
 - Where installations are over 50 h. p. 55%.
4. If customer's connected load is permanently decreased, the Demand Charge should be reduced accordingly. Where customer's connected load is 2 kw. or less, the demand shall be re-assessed. If customer's load is in excess of 2 kw. the demand is determined by measurement and the time at which the change is connected load occurs will influence the basis upon which the new Demand Charge will be determined. If the customer's connected load is reduced prior to December 15th of the customer's contract year, the demand may be re-measured and the new demand so ascertained be taken as the basis of the Demand Charge for the remaining portion of the customer's contract year. If the customer's installation be reduced subsequent to December 15th of the customer's contract year, then the new Demand Charge shall be determined upon the basis of the temporary assessed demand as provided in the preceding paragraphs, and such assessed demand will continue to be the basis upon which the customer shall be billed for service until a new demand shall be ascertained by measurement during the months of November, December, January and February following.

IV. RESIDENCE LIGHTING SERVICE.

To customers contracting for residence electric service with free renewals of company's standard lamps for periods of one year or more, the following rate shall apply:

- (A) *Primary charge* of 12 cts. per kw-hr. for:
- 1. the first 4 kw-hr. consumed per month for each of the first four active rooms.
 - 2. the first 2½ kw-hr. consumed per month for each of the active rooms in excess of the first four.
- All rooms except the following, shall be computed as active:
- Three rooms (which are primarily or may be used as bed rooms, including therein finished attic or garret room) bathrooms, basements, garrets, closets and back porch.
- (B) *Secondary charge* of 5 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate in (a) up to a total of 7 kw-hr. consumed per month per active room.
- (C) *Tertiary charge* of 2 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate (a) and secondary rate (b) or for all energy consumed in excess of 7 kw-hr. per active room per month.

1. The quantity of energy paid for at the primary rate (a) is not included in the energy computed at the secondary rate (b) or at the tertiary rate (c).
2. In determining the number of active rooms, all rooms whether containing lights or not shall be counted, except the following: three rooms (which are primarily or may be used as bedrooms, including therein finished attic or garret rooms) bathrooms, basements, garrets, closets and back porch.
3. A room used as a children's nursery or work room and containing a couch sometimes used as sleeping quarters is not classed as a bedroom.
4. Halls and hallways used and furnished as living rooms and having an area in excess of 120 square feet are classed as active rooms.
5. A part of a room not cut off by partition and door which is generally known as an alcove shall not be counted as an additional active room unless it is furnished and used for a distinctly different purpose or its area exceeds $33\frac{1}{3}\%$ of the total area of the room and alcove.
6. Front, side and back porches with or without lights are not classed as active. Back porches are specifically excepted in rate schedules, as in many cases they are enclosed and used as a summer kitchen or dining room and as such might be taken as a room.
7. Where service for a barn or garage is supplied thru the same meter as that thru which service for the residence is supplied, all active rooms in garage or barn are added to those of the house and the rate applied.
8. Where separate meters are supplied, a garage or barn shall be treated as a separate residence.
9. All classes of domestic heating and power consuming devices may be supplied thru the meter by which the lighting service is measured, in which case this rate shall apply.

Battery charging outfits, refrigerating outfits, non-portable air compressors or vacuum cleaners, or similar apparatus not in use between the hours of 4:30 p. m. and 8:30 p. m., may be supplied thru the residence meter.

Motors or other power consuming devices, when connected to residence service meter, must conform to the following rules:

All such motors and devices must be equipped with starting or regulating apparatus to limit automatically the initial current in starting to an amount not exceeding $2\frac{1}{2}$ times the full load current as determined by manufacturer's rating. Motors or other devices having a rated capacity greater than $\frac{1}{2}$ kw. shall be wound for 240 volts and customer shall arrange building wiring and meter loops for three-wire service and meter.
10. Elevators and wireless telegraph apparatus using service intermittently shall not be supplied at residence rates or from residence service connection. Such apparatus must be supplied from power mains and, where a special extension of power service is required, customer shall pay the cost of the necessary extension in accordance with the rules of the company governing such extension of service. Customer shall contract for service for such apparatus at the company's regular power rates.
11. In apartment houses, each apartment shall be classed as a separate residence. The public portions of the building, such as hallways, elevators, and enclosures, public dining rooms and kitchens, pantries, etc., connected therewith shall be treated separately. Service for such portions of the buildings may be purchased either under the Residence Rates (IV) or the Standard Commercial Lighting Rates (I—A) at the option of the purchaser. If service is furnished at the Residence Rate, (IV), the

energy charge to be paid for monthly at the primary rate shall be computed upon the basis of one active room per floor (exclusive of basement) multiplied by the number of main entrances to the building, plus the rooms used as kitchens, building store-rooms, pantries, dining rooms and offices. The active rooms in janitor's quarters, if supplied through the same meter as public portions of the building, shall be added. Janitor's quarters metered separately shall be treated as a separate residence.

12. The residence schedule shall not be applied to any apartment house wherein the landlord or agent is billed for the entire service consumed in the building and rebills the service to the occupants of the apartments. In such cases, the Increment Lighting Rate (II) shall be used.
13. The residence schedule shall not be applied to customers whose practice it is to have service cut off during the summer months. It shall be applied only to those who sign contracts providing for service by the year and who pay at least the minimum monthly payment provided for in the contract. When company is unable to read meters for any month or months, the quantity of energy to be paid for monthly at the primary rate shall be increased pro rata.
14. Customers occupying a portion of a business building as a residence may combine Residence Service with Commercial Lighting Service through one meter. In no case, however, shall the Residence Rate be combined with the Commercial Lighting Rate and Residence Rates cannot be applied to such combination service.

(D) MINIMUM PAYMENTS.

To customers executing company's standard form of residence lighting contract at foregoing rates and using the service for periods of one year or more, the minimum charge shall be 50 cts. per month net.

- (E) The following shows the various contract forms under which residence service is sold and the application of each form:

| Form No. | TITLE | APPLICATION |
|----------|---|---|
| 1939-N | Contract for Residence Lighting Service. | Residence service for periods of one year or more, Standard Rate. |
| 2399-N | Short Time Residence Electric Lighting Service. | Short time residence electric lighting service. |

V. FLAT RATE DISPLAY LIGHTING

Company will sell service for Flat Rate Display Lighting controlled by company on yearly contracts, on the following basis of monthly payments:

| | Dusk to 11 p. m. 1850 hrs. | Dusk to 12 p. m. 2200 hrs. |
|-------------------------|-------------------------------|-------------------------------|
| 200 watts or less | \$1.93 | \$2.17 |
| 300 watts | 2.90 | 3.25 |
| 400 watts | 3.87 | 4.33 |
| 500 watts | 4.83 | 5.42 |
| 600 watts | 5.80 | 6.50 |
| 700 watts | 6.78 | 7.58 |
| 800 watts | 7.73 | 8.67 |
| 900 watts | 8.70 | 9.75 |
| 1.0 kilowatts | 9.67 | 10.83 |
| 1.5 kilowatts | 14.50 | 16.25 |
| 2.0 kilowatts | 19.33 | 21.67 |
| 2.5 kilowatts | 24.17 | 27.08 |
| 3.0 kilowatts | 29.00 | 32.50 |
| 3.5 kilowatts | 33.83 | 37.92 |
| 4.0 kilowatts | 38.67 | 43.33 |
| 4.5 kilowatts | 43.50 | 48.75 |
| 5.0 kilowatts | 48.33 | 54.17 |
| 6.0 kilowatts | 58.00 | 64.00 |
| 7.0 kilowatts | 66.87 | 73.00 |
| 8.0 kilowatts | 75.00 | 82.00 |
| 9.0 kilowatts | 83.13 | 91.00 |
| 10.0 kilowatts | 91.25 | 100.00 |

1. The foregoing flat rates include renewals of carbon filament lamps only and include no other maintenance.
 2. Company will contract for Flat Rate Display Lighting burning during hours other than those specified above, but not less than 1,100 hours per year, and the monthly bill therefor shall be computed as 1/12 of the annual bill determined by the application of the Standard Rate.
 3. (a) Company will supply and install on yearly contracts renewals of Mazda sign lamps for flat monthly charge of 4 cts. per lamp installed. The foregoing applies to Flat Rate Display Lighting, or to the equivalent display lighting supplied on a meter basis, providing service is used not to exceed 2,250 hours per year. For such service as is used in excess of 2,250 hours per year the renewals will be furnished at a proportionately increased monthly charge per lamp. The customer shall purchase from the company the first installation of such lamps and all increases thereof, at the company's regular prices.
 - (b) In case customer wishes to supply Mazda sign lamps in lieu of the carbon lamps, the renewals of which are furnished without charge by the company, customers may do so and receive a reduction in the rate for service of 75 cts. and 90 cts. per month per kw. of capacity of Mazda lamps for 11 and 12 o'clock burning, respectively.
 - (c) Company will supply plain Mazda, 5 watt, 12 to 13 volt sign lamps, and supply renewals thereof, at a charge equivalent to \$12.00 per month per kw. of rated consumption of lamps installed. This charge is to be added to the contract rates, after deducting the allowance for carbon lamps.
- Plain Mazda 2½ watt, 12 to 13 volt sign lamps will be similarly supplied at a charge equivalent to \$24.00 per month per kw. of rated consumption of lamps installed.

4. Where flashers are installed on signs, the demand and use of lamps on circuits controlled by the flasher shall be taken at 75% of the rated consumption of such lamps.
5. (a) The company will contract to inspect, clean and paint signs once a year, put all renewals in place, and maintain flasher, if any, for 1 ct. per month for each 10 watt carbon or 5 watt Mazda lamp contained in sign.
- (b) On contracts providing for the renewals of Mazda sign lamps in accordance with paragraph 3 (a) hereof, company will contract to inspect, clean and paint signs once a year and maintain flasher, if any, for $\frac{1}{2}$ ct. per month for each 5 watt Mazda lamp and 1 ct. per month for each $2\frac{1}{2}$ watt Mazda lamp contained in sign.

VI. DISCOUNT FOR PROMPT PAYMENT

1. On bills paid at office of company or its authorized collection agencies within ten days of date of bill, a discount of 5% on the first \$25.00 of all bills and 1% on amounts in excess of \$25.00 will be given.
2. On bills for electric service supplied to the federal, county and city governments, paid at the office of the company, or its authorized collection agencies, within 60 days of date of bill, the prompt payment discount provided for in the contract under which such service is sold will be allowed.

VII. SHORT TIME RATES

To customers obtaining service for periods of less than one year, and subject to a charge for the cost of connection and disconnection of service and meter, the charge for electric service shall be computed according to the following schedules and with the prompt payment discount set forth in Section VI, applying thereto, viz.:

A. COMMERCIAL LIGHTING SERVICE.

First 100 kw-hr. during any month 12 cts. per kw-hr.

Next 100 " " " " 10 " " "

Next 100 " " " " 8 " " "

Next 300 " " " " 6 " " "

All energy in excess of 600 kw-hr. during any month 4 cts. per kw-hr.

1. The foregoing rate includes free renewals of company's standard incandescent lamps and renewal allowances on tungsten or other special lamps.
2. When free renewals of company's standard lamps or renewal allowances on tungsten or other special lamps are not obtained by customer, contract for service shall be endorsed "without lamp renewals." and the foregoing rate shall be reduced one-half cent per kw-hr.
3. For reconnection of meter for the same customer upon the same premises a charge of \$1.50 shall be made.

B. RESIDENCE LIGHTING SERVICE

1. The rate per kw-hr. for short time residence electric lighting service, subject to the minimum monthly payment of 50 cts. during any month, shall not exceed 12 cts.
2. The foregoing rate includes free renewals of company's standard incandescent lamps and renewal allowances on tungsten or other special lamps.
3. For reconnection of meter for the same customer upon the same premises a charge of \$1.50 shall be made.

C. POWER SERVICE

First 100 kw-hr. during any. month 8 cts. per kw-hr.

Next 100 " " " " 6 " " "

Next 100 " " " " 5 " " "

Next 300 " " " " 4 " " "

All energy in excess of 600 kw-hr. during any month 3 cts. per kw-hr.

1. The foregoing rate is subject to the minimum monthly payment specified in Section II.
2. For the reconnection of meter for same customer upon the same premises a charge of \$1.50 shall be made.

VIII. RENTAL OF METERS

- A. In case the customer desires integrating watt-meters installed to measure the consumption of electrical energy by various floors, departments or tenants, company will install such meters upon yearly contracts and charge therefor the following:

Charge for Installation

| Size and type of meter | One meter | Additional meters installed at same time as first meter, each | Annual rental charge payable in 12 equal monthly installments or otherwise as agreed upon |
|---|-----------|---|---|
| Single Phase and Direct Current: | | | |
| 10 amp. and smaller | \$1.00 | \$0.50 | \$3.00 |
| 15 amp. to 75 amp. | 1.50 | .75 | 6.00 |
| 100 amp. to 300 amp. | 3.00 | 1.00 | 12.00 |
| 3 Phase Meters: | | | |
| 5 amp. to 25 amp. | \$1.50 | \$0.75 | \$6.00 |
| 50 amp. to 150 amp. | 3.00 | 1.00 | 12.00 |

The company will not obligate itself to supply the readings of the individual meters, nor assume any responsibility for their accuracy.

- B. Should customers desire any rented meters tested and report thereon made, the company will make such test and report and charge therefor the following:

Charge for Testing and Report

| Size of meter | One meter | Additional meters tested at same time as first meter, each |
|--------------------------|-----------|--|
| 5 amp. to 25 amp. | \$2.00 | \$1.00 |
| 40 amp. to 150 amp. | 2.50 | 1.50 |

IX. RULES CONCERNING CUSTOMERS' DEPOSITS

1. Customers who have no established credit rating are required to furnish a financially responsible guarantor, or make a cash deposit equal in amount to two months' estimated bills. Minimum deposits in all cases to be \$5.00.
 2. Customers who shall have failed to make full payment to the company of all previous service bills are required to pay all such bills before service will be furnished.
 3. Customers who shall have failed to make full payment to the company of all previous service bills are also required to make the cash deposit specified in rule "1."
 4. Interest at the rate of 5% per annum will be paid on renewal or withdrawal of deposit.
- Meters are owned by the utility.
No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

39—6.6 ampere, a. c. series carbon arc lamps, burning all night, every night. Rate \$80 per lamp per year.

35—100 c. p., 6.6 ampere, a. c. series tungsten lamps, burning all night, every night. Rate \$25 per lamp per year.

ORNAMENTAL:

None.

NORWALK.

(Population, 502.)

MUNICIPAL PLANT.

Method of generation, oil engine.

Daily operating period, from dusk to 11:30 p. m.

Commercial Lighting.

Current 15 cts. per kw-hr. subject to the following discounts if bills are paid within 10 days of date:

First 15 kw-hr. 10% discount.

Next 20 kw-hr. 20% discount.

All over 35 kw-hr. 30% discount.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

12—200 watt, 240 volt, d. c. multiple gas filled tungsten lamps, burning every night from dusk to 11:30 p. m.

6—150 watt, 240 volt, d. c. multiple tungsten lamps, burning every night from dusk to 11:30 p. m.

8—100 watt, 240 volt, d. c. multiple tungsten lamps, burning every night from dusk to 11:30 p. m.

A total charge of \$60 per month is made for the above street lighting.

ORNAMENTAL:

None.

NORWAY, TOWN OF

(Racine County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule see M. L. H. & T. Co., Milwaukee, Part III.)

OAK CREEK, TOWN OF

(Milwaukee County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule see M. L. H. & T. Co., Milwaukee, Part III.)

OAKFIELD.

(Population, 522.)

OAKFIELD LIGHT & POWER COMPANY.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month \$1.00. When consumer is absent and house is closed a charge of only \$0.25 per month is made.

First 10 kw-hr. per month 20 cts. per kw-hr.

Next 10 " " " 15 " " "

Next 10 " " " 10 " " "

Next 50 " " " 9 " " "

All over 80 kw-hr. per month 8 cts. per kw-hr.

Commercial Power.

First 50 kw-hr. per month 7 cts. per kw-hr.

Next 100 " " " 6 " " "

All over 150 kw-hr. per month 5 cts. per kw-hr.

Minimum charge per month \$1.00.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

1—160 watt, 4—100 watt and 28—60 watt, 220 volt a. c. multiple tungsten lamps burning on a moonlight dusk to 11 p. m. schedule. Flat charge of \$432 per year.

ORNAMENTAL:

None.

OCONOMOWOC.

(Population, 3,054.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly charge, \$1.00.

Current will be charged at the rate of 10 cts. per kw-hr., equal to about $\frac{1}{2}$ ct. per 16 c. p. 50 watt lamp hr.

Bills of \$5.00 to \$10.00, 10% discount.

Bills of \$10.00 to \$20.00, 15% discount.

Bills of \$20.00 or over, 20% discount.

All bills, payable on the 10th of each month.

Rate for short time use: 20 cts. per kw-hr. equal to about 1 cent per 16 c. p. 50 watt lamp hr.

Commercial Power.

Minimum charge per month \$1.00.

75 cts. per month for each h. p. of nominal rated capacity of motor or less, except when current is used under the following restrictions which shall be 50 cts. per month per h. p.

January 4 p. m. to 9 p. m.

February 5 p. m. to 10 p. m.

March 6 p. m. to 10 p. m.

April 7 p. m. to 10 p. m.

May 7 p. m. to 10 p. m.

June 8 p. m. to 11 p. m.

July 8 p. m. to 11 p. m.

August 7 p. m. to 11 p. m.

September 7 p. m. to 10 p. m.

October 6 p. m. to 10 p. m.

November 6 p. m. to 9 p. m.

December 5 p. m. to 9 p. m.

5 cts. per kw-hr. for current consumed.

5% discount if bill is paid on or before 10th of month succeeding that during which charge was incurred and current consumed.

Meters are owned by utility.

A charge for actual labor and materials is made in connecting consumers with lines.

Street Lighting.**GENERAL:**

60—100 c. p., 55—400 c. p. and 15—250 c. p. 6.6 ampere a. c. series gas filled tungsten lamps burning on a moonlight all-night schedule.

300—15 watt, 110 volt a. c. multiple tungsten lamps burning on a moonlight midnight schedule.

Flat charge of \$5,468 for all street lighting.

ORNAMENTAL:

None.

OCONOMOWOC, TOWN OF

(Waukesha County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule see, M. L. H. & T. Co., Milwaukee, Part II and Part III.)

OCOONTO.

(Population, 5,629.)

OCOONTO ELECTRIC COMPANY.

Method of generation, steam and Diesel gas engine.

Daily operating period, continuous.

Commercial Lighting.

Minimum bill \$1.00 gross and \$0.90 net per month.

Service Charge \$1.10 gross and \$1.00 net per month per active kw. of connected load as determined in accordance with the provisions herein.

Energy Meter Charge 7 cts. gross and 6 cts. net per kw-hr. for current equal to or less than 30 hours' use of the active load per month.

6 cts. gross and 5 cts. net per kw-hr. for the next 60 hours' use of the active load per month.

3 cts. gross and 2 cts. net for all current in excess of 90 hours' use of the active load per month.

Maximum lighting rate: The rate for lighting shall not exceed 11 cts. gross or 10 cts. net per kw-hr. and when the sum of the service and energy charges exceeds this rate, this rate shall prevail, except, however, that the minimum monthly charge shall be \$1.00 gross and \$0.90 net.

The following classification and percentages shall be used in determining the active load:

Class A shall consist of residences, dwellings, flats and private rooming houses. Sixty per cent of the first 500 watts and 33½% of all over 500 watts connected for these consumers shall be deemed active.

Class B shall consist of all consumers not enumerated in classes A and C. In this class 70% of the first 2.5 kw. and 55% of all additional connected load shall be deemed active.

Class C shall consist of public and parochial schools, churches, lodge halls, hotels, theaters, moving picture shows, libraries, hospitals, and municipal, county and federal buildings. In this class 55% of the connected load shall be deemed active.

Incidental power appliances, such as flatirons, toasters and small fans shall not be considered in determining the active load, when on the same meter with the commercial lighting.

Commercial Power.

Minimum bill \$1.00 gross and \$0.90 net per month.

Service Charge \$1.00 gross and \$0.75 net per active horse power per month.

Energy or Meter Charges, 2.5 cts. gross and 2.0 cts. net for current equal to or less than 25 kw-hr. per month per active h. p. connected.

2.0 cts. gross and 1.5 cts. net for all current in excess of that amount.

Maximum Power Rate: The rate for power shall not exceed 9 cts. gross and 8 cts. net and when the sum of the service and energy charge exceeds this rate, this rate shall prevail, except however, that the minimum monthly charge shall be \$1.00 gross and \$0.90 net.

The active connected power load shall be determined as follows:

| | |
|----------------------------------|------------|
| First 10 h. p. connected..... | 90% active |
| Next 20 h. p. connected..... | 75% active |
| Next 30 h. p. connected..... | 60% active |
| All over 60 h. p. connected..... | 50% active |

Discount.

The difference between the gross and net rates shall constitute a discount for prompt payment of bills.

Reconnection Charge.

The charge for reconnection of service for the same consumer on the same premises shall be \$1.00.

Wiring and Fixtures.

Wiring and fixtures and material or service of a similar nature shall be charged for at no less than cost.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

None.

OCONTO.

(Population, 5,629.)

PEOPLE'S LAND AND MANUFACTURING COMPANY

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum bill \$1.00 gross and \$0.90 net per month.

Service Charge \$1.10 gross and \$1.00 net per month per active kw. of connected load as determined in accordance with the provisions herein.

Energy Meter Charge 7 cts. gross and 6 cts. net per kw-hr. for current equal to or less than 30 hours' use of the active load per month.

6 cts. gross and 5 cts. net per kw-hr. for the next 60 hours' use of the active load per month.

3 cts. gross and 2 cts. net for all current in excess of 90 hours' use of the active load per month.

Maximum Lighting Rate: The rate for lighting shall not exceed 11 cts. gross or 10 cts. net per kw-hr. and when the sum of the service and energy charges exceeds this rate, this rate shall prevail, except, however, that the minimum monthly charge shall be \$1.00 gross and \$0.90 net.

The following classification and percentages shall be used in determining the active load:

Class A shall consist of residences, dwellings, flats and private rooming houses. Sixty per cent of the first 500 watts and 33½% of all over 500 watts connected for these consumers shall be deemed active.

Class B shall consist of all consumers not enumerated in classes A and C. In this class 70 per cent of the first 2.5 kw. and 55 per cent of all additional connected load shall be deemed active.

Class C shall consist of public and parochial schools, churches, lodge halls, hotels, theaters, moving picture shows, libraries, hospitals,

and municipal, county and federal buildings. In this class 55% of the connected load shall be deemed active.

Incidental Power Appliances, such as flatirons, toasters and small fans shall not be considered in determining the active load when on the same meter with the commercial lighting.

Commercial Power.

Minimum bill \$1.00 gross and \$0.90 net per month.

Service Charge \$1.00 gross and \$0.75 net per active horse power per month.

Energy or Meter Charges, 2.5 cts. gross and 2.0 cts. net for current equal to or less than 25 kw-hr. per month per active h. p. connected.

2.0 cts. gross and 1.5 cts. net for all current in excess of that amount.

Maximum Power Rate: The rate for power shall not exceed 9 cts. gross and 8 cts. net and when the sum of the service and energy charges exceeds this rate, this rate shall prevail, except however, that the minimum monthly charge shall be \$1.00 gross and \$0.90 net.

The active connected power load shall be determined as follows:

| | |
|----------------------------------|------------|
| First 10 h. p. connected..... | 90% active |
| Next 20 h. p. connected..... | 75% active |
| Next 30 h. p. connected..... | 60% active |
| All over 60 h. p. connected..... | 50% active |

Discount.

The difference between the gross and net rates shall constitute a discount for prompt payment of bills.

Reconnection Charge.

The charge for reconnection of service for the same consumer on the same premises shall be \$1.00.

Wiring and Fixtures.

Wiring and fixtures and material or service of a similar nature shall be charged for at no less than cost.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

73—4 ampere a. c. series magnetite arc lamps burning all night every night. Rate \$47 per lamp per year.

180—40 watt, 110 volt a. c. multiple tungsten lamps burning 3 hours each night. Rate \$2.50 per lamp per year.

ORNAMENTAL:

None.

OCONTO FALLS.

(Population, 1,427.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge, \$12.00 per year.

Current first 50 kw-hr., 10 cts.

All over 50 kw-hr. 8 cts.

Meter rent, 25 cts. per month.

Discount, 5% if paid before the 10th of the month, but if not paid by the 10th an additional charge of 2% is made.

Re-connecting same consumer on same premises, \$2.00.

Meters are owned by consumers.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

22—6.6 ampere, a. c. series carbon arc lamps burning from dusk to 11:30 p. m. No fixed charge is made.

ORNAMENTAL:

None.

OMRO.

(Population, 1,285.)

OMRO ELECTRIC LIGHT COMPANY.

Method of generation, steam.

Daily operating period, dusk to dawn.

Commercial Lighting.

Minimum charge per month \$0.75.

First 30 kw-hr. per month 15 cts. net or 16 cts. gross.

Next 60 kw-hr. per month 12 cts. net or 13 cts. gross.

All over 90 kw-hr. per month 9 cts. net or 10 cts. gross.

Difference between net and gross rates constitutes a discount for prompt payment.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

1—3.5 ampere, 220 volt d. c. multiple carbon arc lamp burning on a moonlight midnight schedule. Rate \$48 per year.

101—40 watt, 220 volt d. c. multiple tungsten lamps burning on a moonlight midnight schedule. Rate \$12.48 per lamp per year.

ORNAMENTAL:

None.

ONALASKA.

(Population, 1,146.)

WISCONSIN RAILWAY, LIGHT & POWER CO.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly charge, 75 cts.

Service charge on all lighting and installations, \$1.80 per year per 16 c. p. lamp, or equivalent demand, on $\frac{1}{3}$ of connected installation, or when $\frac{1}{3}$ of the connected installation is considered to be the demand.

Rate for a consumption equivalent to 60 hrs. or less per month per each installation, $7\frac{1}{2}$ cts. per kw-hr.

Rate for a consumption equivalent to more than 60 hrs. per month. per each installation 6 cts. per kw-hr.

Rate for "patrolled service" or for signs and other installations with fixed hours of use, 5 cts. per kw-hr.

Commercial Power.

Minimum monthly bill, 75 cts.

Service charge on all motor installations, \$27.00 per year per h. p. demanded on $\frac{1}{3}$ of connected installation, or when $\frac{1}{3}$ of the connected installation is considered to be the demand.

Rate for less than 5 hrs. per day per h. p. demanded, 5 cts. per kw-hr.

Rate for over 5 hrs., but not exceeding 8 hrs. per day h. p. demanded, 3 cts. per kw-hr.

Rate for over 8 hrs. per day, but not exceeding 10 hrs. per day per h. p. demanded, 2 cts. per kw-hr.

Rate for over 10 hrs. per day and not exceeding 15 hours per day per h. p. demanded, 1½ cts. per kw-hr.

Special rates for over 15 hrs. per day per h. p. demanded, and on installations of 200 h. p. or over, taking service at 2300 volts.

Maximum Charge.

Ordinance No. 348, in effect 1901, provides that the charge for electric light and power shall never exceed 10 cts. per 1,000 watts net to the consumer.

Re-setting meter after disconnection for nonpayment, a charge of \$1.00 is made.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

8—40 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps burning all night, every night. Rate \$20 per lamp per year.

41—40 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning every night until midnight. Rate \$9.12 per lamp per year.

ORNAMENTAL:

None.

ONTARIO.

(Population, 383.)

ONTARIO ELECTRIC LIGHT CO.

Method of generation, water power.

Daily operating period, 6 to 12 p. m.

Commercial Lighting.

Minimum charge per month, 75 cts.

10 cts. per kw-hr.

12 cts. per kw-hr. if bill is not paid by the 10th of the month.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

46—40 c. p., 4 ampere, a. c. series tungsten lamps, burning every night from dusk to midnight. Rate \$15 per lamp per year for the first 40 lamps; 15% less for all lamps in excess of 40.

ORNAMENTAL:

None.

OOSTBURG.

(Population, 380.)

ARNOLD TE RONDE LIGHT PLANT.

Method of generation, electric motor.

Daily operating period, 8 a. m. to 1 a. m.

Commercial Lighting.

Current 15 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

19—100 c. p., 4 ampere, a. c., series, gas filled tungsten lamps, burning every night from dusk to 11:30 p. m. Rate \$22.73 per lamp per year.

1—400 c. p., 4 ampere, a. c. series, gas filled tungsten lamp, burning every night from dusk to 11:30 p. m. Rate \$68.19 per year.

ORNAMENTAL:

None.

ORFORDVILLE.

(Population, 449.)

ORFORDVILLE LIGHT & POWER CO.

Method of generation, oil engine.

Daily operating period, dusk to midnight, 5:30 a. m. to daylight.

Commercial Lighting.

Minimum charge per month, \$1.00.

First 30 kw-hr. per month 15 cts. per kw-hr.

Next 30 kw-hr. per month 12 cts. per kw-hr.

All over 60 kw-hr. per month 10 cts. per kw-hr.

A charge of \$1.00 is made for reconnecting the same consumer on the same premises.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

3—250 c. p., 6.6 ampere a. c. series gas filled tungsten lamps, burning on a moonlight-midnight schedule. Rate \$40 per lamp per year.

10—100 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight-midnight schedule. Rate \$22.20 per lamp per year.

7—80 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight-midnight schedule. Rate \$17.40 per lamp per year.

11—60 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight-midnight schedule. Rate \$14.40 per lamp per year.

2—40 c. p., 6.6 ampere a. c. series tungsten lamps, burning on a moonlight-midnight schedule. Rate \$11.40 per lamp per year.

ORNAMENTAL:

None.

OSCEOLA.

(Population, 634.)

WISCONSIN IMPROVEMENT COMPANY.

Method of generation, hydraulic plant at St. Croix Falls.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly bill, \$1.00.

Current 10 cts. per kw-hr.

Commercial Power.

7½ cts. per kw-hr. for the first 52 hours' use of connected load;

2½ cts. per kw-hr. for all excess.

Street Lighting.

Data incomplete.

OSHKOSH.

(Population, 33,062.)

THE OSHKOSH GAS LIGHT CO.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

Minimum monthly bill, \$1.00.

Rate per kw-hr. 12 cts.

Schedule of discounts allowed for quantity of current consumed:

On bills of less than \$5.00 per month, no discount.

| | Per month. | Discount. |
|---|--------------|-----------|
| On bills of \$5.00 and less than \$10.00..... | 10% | |
| “ 10.00 “ 15.00..... | 15% | |
| “ 15.00 “ 20.00..... | 20% | |
| “ 20.00 “ 30.00..... | 25% | |
| “ 30.00 “ 50.00..... | 30% | |
| “ 50.00 “ 75.00..... | 33½% | |
| “ 75.00 “ 100.00..... | 33½% and 10% | |
| “ 100.00 “ 200.00..... | 33½% and 20% | |
| “ 200.00 “ 300.00..... | 40% and 20% | |
| “ 300.00 “ 400.00..... | 45% and 20% | |
| “ 400.00 “ 500.00..... | 50% and 20% | |
| “ 500.00 and over | 60% and 5% | |

NOTE (a)—The above mentioned discounts are not applicable to existing contracts executed prior to April 1, 1907.

NOTE (b)—A cash discount of 5% allowed on all bills paid at the office of the company on or before the 10th day of the month.

NOTE (c)—Pre-payment electric meters are set at 10 ct. rate.

NOTE (d)—Current used by motor installation in the aggregate of less than one h. p. and by fans is classified and charged for under the foregoing rate.

Sign Lighting.

Prices are based on kw-hr. to be used during one month. We turn on and off. The number and size of lamps and hours to run govern rate.

Rates are:

Where the consumption is less than 150 kw-hr. per month, 7 cts.

Where it is 150 kw-hr. and less than 250 kw-hr. per month, 6½ cts.

Where it is 250 kw-hr. and over 6 cts.

Upon condition that bills are paid at the office of the company on or before the 10th of the month. When not so paid, 5% additional will be charged.

FLAT RATES:

Where the amount of current consumed is so small that it cannot be registered by the meter with reasonable accuracy, or where the consumption is unquestionably less than the fixed charges for maintenance of apparatus in readiness for service, a flat rate will be charged and collected, calculated upon the terms and limitations of the foregoing schedules, 5% to be added to these bills if not paid at the office of the company on or before the 10th of the month.

Commercial Power.

METER RATES:

Unlimited Hours.

Rate per kw-hr., 10 cts.

Schedule of discounts allowed for amount of current consumed:

On bills of less than \$5.00 per month, no discount.

| | Per month. | Discount. |
|---|------------|------------|
| On bills of \$5.00 and less than \$10.00..... | | 10% |
| " 10.00 " 15.00..... | | 15% |
| " 15.00 " 20.00..... | | 20% |
| " 20.00 " 50.00..... | | 25% |
| " 50.00 " 100.00..... | | 30% |
| " 100.00 " 150.00..... | | 35% |
| " 150.00 " 200.00..... | | 40% |
| " 200.00 " 300.00..... | | 50% |
| " 300.00 " 500.00..... | | 50 and 10% |
| " 500.00 " 1,500.00..... | | 50 and 20% |
| " 1,500.00 and over..... | | 60 and 20% |

Limited Hours.

Rate per kw-hr., 8 cts.

Schedule of discounts allowed for amount of current consumed:

On bills of less than \$5.00 per month, no discount.

| | Per month. | Discount. |
|---|------------|------------|
| On bills of \$5.00 and less than \$10.00..... | | 10% |
| " 10.00 " 15.00..... | | 15% |
| " 15.00 " 20.00..... | | 20% |
| " 20.00 " 50.00..... | | 25% |
| " 50.00 " 100.00..... | | 30% |
| " 100.00 " 150.00..... | | 35% |
| " 150.00 " 200.00..... | | 40% |
| " 200.00 " 300.00..... | | 50% |
| " 300.00 " 500.00..... | | 50 and 10% |
| " 500.00 " 850.00..... | | 50 and 20% |
| " 850.00 " 1,000.00..... | | 60 and 20% |
| " 1,000.00 and over..... | | 60 and 30% |

NOTE (a)—A cash discount of 5% will be allowed on all bills at the office of the company on or before the 10th of the month.

NOTE (b)—Elevator and bridge motors are subject to a minimum charge of \$1.00 per h. p. per month, and all other power motors to a minimum charge of 50 cts. per h. p. per month. Where more than one meter is used on bridges, the readings are combined in computing the bills.

NOTE (c)—Rates for power current—limited hours, are made only where the consumer agrees to discontinue use upon signal according to the following time schedule for motors running on limited hour rate:

| | a. m. | p. m. | | a. m. | p. m. |
|-------------------------|-------|---------|-------------------------|-------|---------|
| Jan. 15 to Feb. 15—From | 6:00 | to 4:30 | July 15 to Aug. 15—From | 6:00 | to 6:00 |
| Feb. 15 to March 15.. | 6:00 | " 5:00 | Aug. 15 to Sept. 15.. | 6:00 | " 6:00 |
| Mar. 15 to April 15.. | 6:00 | " 5:30 | Sept. 15 to Oct. 15.. | 6:00 | " 5:30 |
| April 15 to May 15.. | 6:00 | " 6:00 | Oct. 15 to Nov. 15.. | 6:00 | " 5:00 |
| May 15 to June 15.. | 6:00 | " 6:00 | Nov. 15 to Dec. 15.. | 6:00 | " 4:30 |
| June 15 to July 15.. | 6:00 | " 6:00 | Dec. 15 to Jan. 15.. | 6:00 | " 4:00 |

Combined Lighting and Power Service.

In case of consumers who are users of current for both lighting and power, on unlimited hours, consumed upon the same premises, and whose yearly average use of their active lighting demand shall exceed 75 hours per month, and whose yearly average use of their entire active power demand shall exceed 150 hours per month, the charges for current shall be as follows:

Arc and Incandescent Lighting.

Rate per kw-hr. 12 cts.

Schedule of discounts allowed to such class of consumers for quantity of current consumed:

On bills of less than \$5.00 per month, no discount.

| | Per month. | Discount. |
|---|-------------|-------------|
| On bills of \$5.00 and less than \$10.00 | ..... | 10% |
| " 10.00 " | 15.00..... | 15% |
| " 15.00 " | 20.00..... | 20% |
| " 20.00 " | 30.00..... | 25% |
| " 30.00 " | 50.00..... | 30% |
| " 50.00 " | 75.00..... | 33½% |
| " 75.00 " | 100.00..... | 33½ and 10% |
| " 100.00 " | 200.00..... | 33½ and 20% |
| " 200.00 " | 300.00..... | 40 and 20% |
| " 300.00 " | 400.00..... | 45 and 20% |
| " 400.00 " | 500.00..... | 60 and 5% |
| " 500.00 " | 600.00..... | 65 and 5% |
| All bills of 600.00 and over | ..... | 65 and 10% |

Power Current—Unlimited Hours.

Rate per kw-hr. 10 cts.

Schedule of discounts allowed to such class of consumers for amount of current consumed.

On bills of less than \$5.00 per month, no discount.

| | Per month. | Discount. |
|---|---------------|------------|
| On bills of \$5.00 and less than \$10.00 | ..... | 10% |
| " 10.00 " | 15.00..... | 15% |
| " 15.00 " | 20.00..... | 20% |
| " 20.00 " | 50.00..... | 25% |
| " 50.00 " | 100.00..... | 30% |
| " 100.00 " | 150.00..... | 35 and 5% |
| " 150.00 " | 200.00..... | 40 and 5% |
| " 200.00 " | 250.00..... | 50% |
| " 250.00 " | 300.00..... | 50 and 5% |
| " 300.00 " | 350.00..... | 50 and 10% |
| " 350.00 " | 400.00..... | 55 and 5% |
| " 400.00 " | 500.00..... | 60% |
| " 500.00 " | 1,500.00..... | 60 and 7½% |
| 1,500.00 and over | ..... | 60 and 20% |

NOTE:—A cash discount of 5% allowed on all bills paid at the office of the company on or before the 10th day of the month.

Readiness to Serve Electric Rates for Emergency or Stand-by Service.

Rates for readiness to serve in emergency will be based upon the active demand load. For the purpose of ascertaining this active demand load, the character of the service desired in emergency will be considered and classified as follows:

Class 1. Shall consist of lighting service for residences, laundries, livery stables and other similar short hour consumers.

Class 2. Shall consist of lighting service for schools, churches, dancing academies, wholesale houses and other similar medium hour consumers.

Class 3 Shall consist of lighting service for depots, hotels, theaters, saloons, lodge halls, stores, offices and other similar long hour consumers.

Class 4. Shall consist of power service for all purposes.

The active demand load shall be calculated as follows:

In class 1 it shall be 40% of the total connected load; class 2, 50% of the total connected load; class 3, 60% of the total connected load; class 4, 100% of the total connected load; these percentages to hold and govern unless the ac-

tual active demand load is known or ascertained, in which case that shall be used.

The rate for readiness to serve in emergency in classes 1 and 2 shall be for the readiness to serve, \$38.00 per annum per kw-hr. of active demand, and 4½ cts. per kw-hr. for any current actually consumed. In class 3 the rate shall be, for the readiness to serve, \$38.00 per annum per kw. of active demand, and 4 cts. per kw-hr. for any current actually consumed. In class 4 the rate shall be, for the readiness to serve, \$38.00 per annum per kw. of active demand, and 3 cts. per kw-hr. for any current actually consumed.

These rates for readiness to serve, in emergency, are applicable only in cases where the applicant is the owner or possessor of a private or individual plant, generating and using electrical current for his own use, and desires to be connected with the wires of this company for use in cases of emergency. The charge for readiness to serve in emergency, plus the charge for current used, if any, in such cases, shall be unaffected by any maximum rate per kw-hr. or by any rate applicable to regular customers or consumers.

Bills will be rendered monthly, each month for one-twelfth of the annual charge for readiness to serve in emergency, and for any current actually consumed; 5% to be added to these bills if not paid at the office of the company on or before the 10th of the month. Each and every rule and regulation of the company which is not inconsistent herewith shall be applicable and will be enforced with reference to such service.

Applicants for such emergency service must make application in writing, duly signed, and state therein the character of the service which may be required, the full amount of connected load, and otherwise conform to the rules and regulations of this company, applicable thereto, and agree to abide by them and to pay such charges as are provided for or referred to herein. Proper blanks for such purposes will be supplied by the company upon request.

When bills remain unpaid for 5 days after the expiration of the discount period, service may be discontinued upon giving consumer not less than 24 hours' notice. A charge of \$1.00 will be made for reconnecting a meter upon the same premises.

The company reserves the right to require a reasonable cash deposit from new consumers in order to guarantee the payment of bills. Meters are owned by utility.

The company makes a charge for the actual cost of labor for connecting consumer's premises with lines. Minimum charge \$3.50

Street Lighting.

GENERAL:

439—6.6 ampere, a. c. series carbon arc lamps, burning on an all-night moonlight schedule. Rate \$60 per lamp per year.

ORNAMENTAL:

None.

OSSEO.

(Population, 548.)

OSSEO ELECTRIC COMPANY.

Method of generation, oil engine.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month \$1.00.

First 50 kw-hr. per month 15 cts. per kw-hr.

Next 50 " " " 12.5 " " "

Next 100 " " " 10 " " "

All over 200 " " " 8 " " "

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

32—60 watt, 220 volt d. c. multiple tungsten lamps burning from dusk to midnight every night. Rate \$21.60 per lamp per year.

4—150 watt 220 volt d. c. multiple tungsten lamps burning from dusk to midnight every night. Rate \$45.60 per lamp per year.

ORNAMENTAL:

None.

OTTOWA, TOWN OF

(Waukesha County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule see M. L. H. & T. Co., Milwaukee, Part II.)

OWEN.

(Population, 745.)

JOHN S. OWEN LUMBER CO.

Method of generation, steam.

Daily operating period, dusk to dawn.

Commercial Lighting.

Current, 13 cts. per kw-hr.

Discount 1 ct. per kw-hr. if paid within 10 days of date of bill.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

15—6.6 ampere a. c. series carbon arc lamps burning on an all-night moonlight schedule. Rate \$75 per lamp per year for the first 10, \$65 for each additional lamp.

ORNAMENTAL:

None.

OXFORD.

(Population, 425.)

OXFORD ELECTRIC LIGHT & POWER CO.

Method of generation, water power.

Daily operating period, sunset to midnight and 5 a. m. to daylight.

Commercial Lighting.

First 30 kw-hr. per month 15 cts. per kw-hr.

All over 30 kw-hr. per month 10 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

10—100 watt, 110 volt d. c. multiple tungsten lamps burning every night until midnight. Rate \$36 per lamp per year.

3—100 watt, 110 volt d. c. multiple gas filled tungsten lamps burning every night until midnight. Rate \$36 per lamp per year.

ORNAMENTAL:

None.

PALMYRA.

(Population, 649.)

WISCONSIN GAS & ELECTRIC CO.

Method of generation, current purchased.

Daily operating period, continuous.

I. STANDARD RATE.

To customers signing the company's standard forms of contract, providing for service for one year or more, the charge for electric service shall be computed on the following basis:

Demand Charge.

\$42.00 per year for each kw. of demand of the first 10 kw.

30.00 " " " " " " " " " next 50 "

24.00 " " " " " " " " " next 140 "

18.00 " " " " " " " " " in excess of 200 "

Payable in equal monthly installments, plus an energy charge as follows:

Energy Charge.

4 cts. per kw-hr. for the first 1,000 kw-hr. consumption during month.

3 cts. per kw-hr. for the next 3,000 kw-hr. consumption during month.

2 cts. per kw-hr. for the next 6,000 kw-hr. consumption during month.

1½ cts. per kw-hr. for the next 40,000 kw-hr. consumption during month.

1.3 cts per kw-hr. for all energy in excess of 50,000 kw-hr. during month.

1. The foregoing rate shall apply to all customers utilizing company's electric service for lighting and receiving free renewals of company's standard lamps.
2. The foregoing rate less ½ ct. per kw-hr. shall apply to all customers utilizing company's service and not receiving free renewals of company's standard lamps.

(A) ELECTRIC LIGHTING:

1. This service will include:

(a) Electric energy furnished for lamps and other appliances utilized for illumination purposes, except as hereinafter specifically exempted.

(b) Motors and appliances other than lighting equipment where provided with a starting apparatus designed to limit the initial or starting current to a value not exceeding 2½ times the full load current, alternating current motors of ¼ h. p. when wound for 110 volts and of ½ h. p. when wound for 220 volts, the aggregate rated capacity of such appliances not to exceed 2 kw-hr., will be included in this class when used in connection with lighting equipment and when the connected load of such motors and appliances does not exceed the aggregate rated capacity of lighting equipment.

2. Should the conditions of use of customer's demand be obviously such that he would never earn a lower rate under the Standard than under the Increment Rate schedule, the Increment Rate schedule set forth in Section II hereof shall apply. (Con-

- tract form No. 759—p.) The Increment Lighting schedule is optional with the Standard Rate.
3. In the application of the Standard Rate one integrating watt meter only shall be provided for the measurement of energy, unless accuracy of measurement requires the installation of more than one meter. Where demand meters are installed, only one set of meters shall be used, and the arithmetical sum of their readings shall be used in computing demand.
 4. (a) Exclusive lighting customers having installations of 2 kw. or less shall purchase service providing for free lamp renewals.
 (b) In exclusive lighting installations of more than 2 kw. connected, it is optional with the customer whether he shall take the rate providing for free lamp renewals.
 (c) In exclusive lighting installations of more than 2 kw. connected and where customer desires to contract for service without free lamp renewals, the energy charge shall be $\frac{1}{2}$ ct. per kw-hr. less than that provided above and Contract form No. 1938-P shall be endorsed "Without Renewals of Lamps."
 5. The maximum rate of charge for energy for Lighting Service is set forth in Section II.
 6. The following table shows the various contract forms under which Commercial Electric Lighting Service is sold, and the application of such forms in the various classes of service:

| Form No. | Title | Application |
|----------|---|---|
| 759—P | Contract for Electric Service. | (a) Lighting under Increment schedule with free renewals of company's standard lamps. |
| 759—P | | (b) "Short Time" lighting service. |
| 759—P | | (c) Not to be used for power service. |
| 1938—P | Contract for Commercial Electric Service. | (a) Commercial Lighting under Standard Rate with renewals of company's standard lamps. |
| 1938—P | | (b) Commercial Lighting Service over 2 kw. under Standard Rate, without renewals of company's standard lamps when endorsed "Without Renewals of Lamps." |

(B) POWER:

1. This service will include:

- (a) Electric energy utilized for motive and heating purposes, and miscellaneous lighting service, where the demand arising from such miscellaneous lighting service shall not be in excess of 20% of the total simultaneous demand for lighting and power service.
 - (b) Stereopticons, moving picture machines, photographers' arc lamps and rectifiers shall be classed as power equipment.
2. In the practical application of the Standard Rate, it is found that customers divide themselves generally into two classes—one in which the demand and hours' use is so small that they receive no advantage under the Standard Rate, and the other class in which the Standard Rate results in a lower unit cost than the Increment Schedule. In the case of Unlimited, or On-peak Serv-

ive, all contracts for demands of 222 kw. or less and requiring and average use of the demand of about 240 hours per month should be written under the Increment Rate schedule (Contract form No. 1960—P). Contracts for demands in excess of 222 kw. and 240 hours' use per month should be written under the Standard Rate (Contract form No. 1968—P).

3. Where service for lighting or other application requiring single-phase current is desired by customer, to be supplied through meter measuring energy as polyphase power service, the unbalancing of the phases of the polyphase service arising from the use of the service for lighting or other purposes shall not exceed 10% of the demand in kilowatts contracted for or measured. The power factor of such unbalanced single-phase load shall not be less than 75%. Should customer's demand for single-phase service exceed the above, the same shall be divided as nearly as practicable to obtain a balanced condition of the polyphase service. Customer may contract for single-phase requirements in excess of 10% of polyphase demand as a separate single-phase service. Where miscellaneous lighting service is supplied through the same meter as "Power" service (B), customer shall be required to supply apparatus for rendering available 120 volts for lighting service, if such be required.
4. *Optional or Increment Rate for Power Service.*

To customers contracting on company's form to use service specified as Power for periods of one year or more and who actually so use such service, the charge for electric power service shall be computed at the following rates:

| | | |
|-------|-----------------------------|-------------------|
| First | 100 kw-hr. during any month | 8 cts. per kw-hr. |
| Next | 100 " " " " | 6 " " " |
| Next | 100 " " " " | 5 " " " |
| Next | 300 " " " " | 4 " " " |
| Next | 1400 " " " " | 3 " " " |

All energy in excess of 2,000 kw-hr. during any month 2 cts. per kw-hr.

- (a) The foregoing optional rate for power does not include renewals of any incandescent lamps.
- (b) The foregoing rate is subject to the minimum monthly payments specified in Section II (B), 3.
5. The following table shows the various contract forms under which Power Service is sold, and the application of such forms to the various classes of service:

| Form | Title | Application |
|--------|--|---|
| 1960—P | Contract for Electric Power Service, Increment Rate. | (a) Power and miscellaneous light where demand and energy consumption are small or less than about 222 kilowatts at 240 hours per month use of demand. (b) "Short Time" power service. |
| 1968—P | Electric Power Agreement. | (a) Power and miscellaneous light under Standard Rate. |

(C) COMBINED LIGHTING AND POWER SERVICE:

This service will include electric energy specified as "Lighting" (A) and electric energy specified as "Power" (B), where such combination service is supplied through the same meter.

SPECIAL SERVICES

) LIMITED OR OFF-PEAK SERVICE:

The foregoing rates for "Lighting" service (see "A"), "Power" service (see "B"), and "Combined Lighting and Power Service" (see "C") less one-half of the demand charge, shall apply to customers contracting to utilize and utilizing the service only at times during the calendar day other than during the hours of the month, specified as follows:

| Month | Hours during which service shall not be used. |
|----------------|---|
| October | 5:30 p. m. to 7:00 p. m. |
| November | 5:00 p. m. to 7:00 p. m. |
| December | 4:30 p. m. to 7:00 p. m. |
| January | 4:40 p. m. to 7:00 p. m. |
| February | 5:20 p. m. to 7:00 p. m. |
| March | 6:00 p. m. to 7:00 p. m. |

- Customers shall install and maintain in operating condition an automatic time switch of the type approved by the company.
- Service under the Off-peak Schedule for demands of less than 10 kw. will not be solicited or recommended, but will be sold on application. The saving to the customer is small and the complication introduced greater than that warranted by the saving in cost of service.
- In many cases, customers signing Limited service contracts will require some service for lighting during the hours that service is not available under this schedule. In such cases contract shall include a small demand under the Unlimited service schedule, and all energy supplied under both schedules shall be measured by one meter. In computing the demand charge and the application of the four steps of the demand charge hereto, the demand charge for the Unlimited service shall first be computed and the charge for the Limited service shall be continuous thereafter. For example, if the customer contracts to purchase 10 kw. of Unlimited service and 50 kw. of Limited service, the monthly demand charge is computed as follows:

| | |
|-----------------------|---------|
| 10 kw. at \$3.50..... | \$35.00 |
| 50 kw. at 1.25..... | 62.50 |
- Limited or Off-peak service shall be sold only on annual contracts. On-peak service to supplement Off-peak service during the off-peak hours shall not be sold at the Short Time or Increment rate.
- The following table shows the various contract forms under which power service is sold, and the application of such forms to the various classes of service:

| Form No. | Title | Application |
|----------|--|---|
| 1964—P | Limited electric power agreement. | (a) Off-peak power service. |
| 1974—P | Combined Unlimited and Limited electric power agreement. | a) Combined "on" and "off" peak power and miscellaneous lighting. |
| 2377—P | Combined Unlimited electric light and power service. | (a) Combined "on" and "off" peak commercial lighting and miscellaneous power. |

(E) TEN-SEVEN SERVICE:

The foregoing rates for "Power" service "B" less three-fourths of the demand charge shall apply to all customers contracting to utilize and utilizing company's service only during the hours 10:00 p. m. to the following 7:00 a. m. Customer shall install and maintain in operating condition an automatic time switch of the type approved by the company.

1. Contract form No. 1971—P shall be used for "Ten-seven" power service.

(F) UNLIMITED BREAK-DOWN SERVICE:

The foregoing rates for "Lighting and Power" service (C) under Unlimited Service, shall apply for Break-down or Emergency service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the company. It shall be set to open when the demand exceeds 125% of the kilovoltampere demand contracted for.

1. Contract form 1969—P shall be used for "Unlimited Break-down Service."

(G) LIMITED BREAK-DOWN SERVICE:

The foregoing rates for "Lighting and Power" service (C) under Limited and Off-peak service, shall be furnished for Break-down or Emergency service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the company. It shall be set to open when the demand exceeds 125% of the kilovoltampere demand contracted for.

1. Contract form 1970—P shall be used for "Limited Break-down Service."

II. MAXIMUM RATE FOR LIGHTING SERVICE AND MINIMUM PAYMENT

A. MAXIMUM RATE FOR LIGHTING SERVICE:

1. Maximum rate of charge for Commercial Electric Lighting Service (Section 1 "A") during any month shall not exceed:

First 100 kw-hr. during any month 12 cts. per kw-hr.

Next 100 " " " " 10 " " "

Next 100 " " " " 8 " " "

Next 300 " " " " 6 " " "

All over 600 " " " " 4 " " "

2. The foregoing rate is subject to prompt payment discount and includes free renewals of company's standard carbon filament lamps and renewal allowances on tungsten or other special lamps.
3. Customers may purchase service without lamp renewals, in which case these rates per kw-hr. shall be reduced $\frac{1}{2}$ ct.
4. The foregoing limitation of the maximum rate of charge for Commercial Electric Lighting service applies only to exclusively commercial lighting customers and shall not apply to any customer purchasing service for Combined Lighting and Power, Break-down Service, or Combined Unlimited and Limited Service.

B. MINIMUM MONTHLY PAYMENTS:

1. The minimum monthly payments to be made by any customer, except customers purchasing exclusively electric lighting service, or power service at the Optional or Increment Power Rate, shall be the monthly installment of the annual demand charge.

2. A minimum monthly bill shall be charged of 50 cts. net to customers having connected loads of 300 watts or less, and one dollar to customers having connected loads in excess of 300 watts, to cover such expenses occasioned by the individual customer as billing, inspecting and maintaining meter and service connections, etc. In addition to such minimum bill a charge of \$1.50 shall be made for each arc lamp installed.
3. A minimum monthly bill under the Optional or Increment Rate for power shall be a charge of \$1.50 for an installation of 2 h. p. or less, nominal rated capacity, plus 75 cts. for each additional h. p. or fraction thereof (or \$1 per kw.) nominal rated capacity.
4. A minimum monthly bill for any power customer having an installation of 2 h. p. or less and purchasing service either under the Standard or under the Optional or Increment Rate, shall be a charge of \$1.50.

III. MEASUREMENT OF DEMAND.

The demand is defined as the greatest rate at which electrical energy is used by the customer within any period of fifteen consecutive minutes during the contract year, subject to the methods of determining demand hereinafter specified.

A. LIGHTING SERVICE:

1. For lighting installations of 2 kw. or less, the demand shall be assessed as 100% of the first 300 watts, plus 66% of the connected load in addition to the first 300 watts.
2. Where the demand is assessed, all sockets not containing lamps shall either be removed or sealed by the company, or counted at 50 watts each.
3. For installations of over 2 kw. the demand shall be measured by permanently installed demand meters, or by monthly readings taken during the normal peak demand of the service. Such readings may be ascertained at the option of the company by counting revolutions of the watt meter disc, or by printing quarterly hourly readings of the watt-meter, or by a graphic recording watt-meter, or by the so-called Wright demand meter.

B. POWER SERVICE:

1. The maximum demand upon which the monthly charge for Power service (see B) is based, shall not be less than 75% of the highest demand ascertained during the period of twelve months ended with the current month.
2. For power installations of 2 kw. connected or less, the demand shall be assessed as 75% of the connected load, as indicated by the manufacturer's rating.

C. TEMPORARY ASSESSMENT OF DEMAND:

In installations in excess of 2 kw. connected, where customer is connected for service during a month during which the maximum measured demand shall be less than the probable demand obtaining during November, December, January and February, the demand will be assessed in accordance with the following rules, and such assessed demand will be corrected as soon as the actual demand for the year has been measured, and the difference in the demand rate billed upon the assessed or estimated demand, and the demand rate based upon the actual or measured demand shall be credited to the customer or paid by the customer as the case may be.

1. In Class "1" customers (Lighting Service) the assessed demand shall be determined as follows:
 - 100% of the first 300 watts connected.
 - 66⅔% of the next 1,700 watts connected.
 - 55% of all in excess of the first 2,000 watts connected.
 Class "1" customers shall include all lighting customers except those designated as Class "2."
2. In Class "2" customers (Lighting Service) the assessed demand shall be determined as follows:
 - 100% of the first 300 watts connected.
 - 66⅔% of the next 1,700 watts connected.
 - 40% of all in excess of the first 2,000 watts connected.
 Class "2" customers shall consist of federal and county buildings, churches and missions, hotels and clubs, factories (including small industrial establishments such as machine shops, carpenter shops, blacksmith shops, tin shops and cigar factories closing not later than 6 p. m.), private and parochial schools, grain and tobacco elevators and warehouses, freight and storage warehouses, stables and garages, both private, boarding and livery, and furniture stores occupying two or more floors above street level.
3. In Class "3" (Power Service) the assessed demand shall be determined as a percentage of the total connected load as indicated by the manufacturer's rating:
 - Where installations are under 10 h. p. 75%.
 - Where installations are over 10 h. p. and less than 50 h. p. 65%.
 - Where installations are over 50 h. p. 55%.
4. If customer's connected load is permanently decreased, the Demand Charge shall be reduced accordingly. Where customer's connected load is 2 kw. or less, the demand shall be reassessed. If customer's load is in excess of 2 kw., the demand is determined by measurement and the time at which the change in connected load occurs will influence the basis upon which the new demand charge will be determined. If the customer's connected load is reduced prior to December 15 of the customer's contract year, the demand may be remeasured and the new demand so ascertained be taken as the basis of the Demand Charge for the remaining portion of the customer's contract year. If the customer's installation be reduced subsequent to December 15 of the customer's contract year, then the new demand charge shall be determined upon the basis of the temporary assessed demand, as provided in the preceding paragraphs, and such assessed demand will continue to be the basis upon which the customer shall be billed for service until a new demand shall be ascertained by measurement during the months of November, December, January and February following.

IV. RESIDENCE LIGHTING SERVICE

To customers contracting for Residence Electric Service with free renewals of company's standard lamps for periods of one year or more, the following rate shall apply:

- (a) *Primary Charge* of 12 cts. per kw-hr. for:
 1. The first 4 kw-hr. consumed per month for each of the first four active rooms.
 2. The first 2½ kw-hr. consumed per month for each of the active rooms in excess of the first four.
 All rooms except the following shall be computed as active: Three rooms (which are primarily or may be used as bed rooms, including therein finished attic or garret room), bath-rooms, basements, garrets, closets and back porch,

- (b) *Secondary Charge* of 5 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate in (a) up to a total of 7 kw-hr. consumed per month per active room.
- (c) *Tertiary Charge* of 2 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate (a) and secondary rate (b) or for all energy consumed in excess of 7 kw-hr. per active room per month.

1. The quantity of energy paid for at the primary rate (a) is not included in the energy computed at the secondary rate (b) or at the tertiary rate (c).
2. In determining the number of active rooms, all rooms whether containing lights or not shall be counted, except the following: three rooms (which are primarily or may be used as bedrooms, including therein finished attic or garret rooms), bathrooms, basements, garrets, closets and back porch.
3. A room used as a children's nursery or work room and containing a couch sometimes used as sleeping quarters is not classed as a bedroom.
4. Halls and hallways used and furnished as living rooms and having an area in excess of 120 square feet are classed as active rooms.
5. A part of a room not cut off by partition and door, which is generally known as an alcove, shall not be counted as an additional active room unless it is furnished and used for a distinctly different purpose or its area exceeds 33⅓% of the total area of the room and alcove.
6. Front, side and back porches, with or without lights, are not classed as active. Back porches are specifically excepted in rate schedules, as, in many cases, they are enclosed and used as a summer kitchen, or dining room, and as such might be taken as a room.
7. Where service for a barn or garage is supplied through the same meter as that through which service for the residence is supplied, all active rooms in garage or barn are added to those of the house and the rate applied.
8. Where separate meters are supplied, a garage or barn shall be treated as a separate residence.
9. All classes of domestic heating and power consuming devices may be supplied through the meter by which the lighting service is measured, in which case this rate shall apply
Battery charging outfits, refrigerating outfits, nonportable air compressors or vacuum cleaners, or similar apparatus not in use between the hours of 4:30 p. m. and 8:30 p. m., may be supplied through the residence meter.
Motors and other power consuming devices, when connected to residence service meter, must conform to the following rules:
All such motors and devices must be equipped with starting and regulating apparatus to limit automatically the initial current in starting to an amount not exceeding 2½ times the full load current as determined by manufacturer's rating. Motors or other devices having a rated capacity greater than ½ kw. shall be wound for 240 volts and customer shall arrange building wiring and meter loops for three-wire service and meter.
10. Elevators and wireless telegraph apparatus using service intermittently shall not be supplied at residence rates or from residence service connection. Such apparatus must be supplied from power mains and where a special extension of power service is required, customer shall pay the cost of the necessary extension in accordance with the rules of the company

governing such extension of service. Customer shall contract for service for such apparatus as the company's power rates.

11. In apartment houses, each apartment shall be classed as a separate residence. The public portions of the building, such as hallways, elevators, and enclosures, public dining rooms and kitchens, pantries, etc., connected therewith shall be treated separately. Service for such portions of the buildings may be purchased either under the Residence Rates (IV) or the Standard Commercial Lighting Rates (I—A) at the option of the purchaser. If service is furnished at the Residence Rate (IV), the energy charge to be paid for monthly at the primary rate shall be computed upon the basis of one active room per floor (exclusive of basement), multiplied by the number of main entrances to the building, plus the rooms used as kitchens, building storerooms, pantries, dining rooms and offices. The active rooms in janitor's quarters, if supplied through the same meter as public portions of the building, shall be added. Janitor's quarters metered separately shall be treated as a separate residence.
12. The Residence Schedule shall not be applied to any apartment house wherein the landlord or agent is billed for the entire service consumed in the building and rebills the service to the occupants of the apartments. In such cases, the Increment Lighting Rate (II) shall be used.
13. The Residence Schedule shall not be applied to customers whose practice it is to have service cut off during the summer months. It shall be applied to only those who sign contracts providing for service by the year and who pay at least the minimum monthly payment provided for in the contract. When company is unable to read meters for any month or months, the quantity of energy to be paid for monthly at the primary rate shall be increased pro rata.
14. Customers occupying a portion of a business building as a residence may combine residence service with commercial lighting service through one meter. In no case, however, shall the Residence Rate be combined with the Commercial Lighting Rate and Residence Rates cannot be applied to such combination service.

D. MINIMUM PAYMENTS:

To customers executing company's standard form of residence lighting contract at foregoing rates and using the service for periods of one year or more, the minimum charge shall be 50 cts. per month net.

- E. The following shows the various contract forms under which residence service is sold and the application of each form:

| Form No. | Title | Application |
|----------|---|---|
| 1939—P | Contract for Residence Lighting Service. | Residence service for periods of one year or more, Standard Rate. |
| 2399—P | Short Time Residence Electric Lighting Service. | Short time residence electric lighting service. |

V. DISCOUNT FOR PROMPT PAYMENT

1. On bills paid at the office of company or its authorized collection agencies within ten days of date of bill, a discount of 5% on the first \$25.00 on all bills and 1% on amounts in excess of \$25.00 will be given.
2. On bills for electric service supplied to the federal, county and city governments, paid at the office of the company, or its

authorized collection agencies, within sixty days of date of bill, the prompt payment discount provided for in the contract under which such service is sold will be allowed.

VI. SHORT TIME RATES

To customers obtaining service for periods of less than one year and subject to a charge for the cost of connection and disconnection of service and meter, the charge for electric service shall be computed according to the following schedules and with the prompt payment discount set forth in Section VI, applying thereto, viz:

A. COMMERCIAL LIGHTING SERVICE:

First 100 kw-hr. during any month 12 cts. per kw-hr.

Next 100 " " " " 10 " " "

Next 100 " " " " 8 " " "

Next 300 " " " " 6 " " "

All energy in excess of 600 kw-hr. during any month 4 cts. per kw-hr.

1. The foregoing rate includes free renewals of company's standard incandescent lamps and renewal allowances on tungsten or other special lamps.
2. When free renewals of company's standard lamps or renewal allowances on tungsten or other special lamps are not obtained by customer, contract for service shall be endorsed "without lamp renewals," and the foregoing rate shall be reduced $\frac{1}{2}$ ct. per kw-hr.
3. For reconnection of meter for the same customer upon the same premises a charge of \$1.50 shall be made.

B. RESIDENCE LIGHTING SERVICE:

1. The rate per kw-hr. for short time residence electric lighting service, subject to the minimum monthly payment of 50 cts. during any month, shall not exceed 12 cts.

2. The foregoing rate includes free renewals of company's standard incandescent lamps and renewal allowance on tungsten or other special lamps.

3. For reconnection of meter for the same customer upon the same premises a charge of \$1.50 shall be made.

C. POWER SERVICE:

First 100 kw-hr. during any month 8 cts. per kw-hr.

Next 100 " " " " 6 " " "

Next 100 " " " " 5 " " "

Next 300 " " " " 4 " " "

All energy in excess of 600 kw-hr. during any month 3 cts. per kw-hr.

1. The foregoing rate is subject to the minimum monthly payment specified in Section II.
2. For the reconnection of meter for same customer upon the same premises a charge of \$1.50 shall be made.

VII. RENEWALS OF STANDARD INCANDESCENT LAMPS

1. To entitle customers to free renewals of company's standard carbon filament incandescent lamps or to allowances on the renewals or tungsten or other special lamps, the first installation of such lamps or any increase thereof, shall be purchased from the company by the customer at the company's published prices.
2. Company will sell incandescent lamps to its electric service customers only in accordance with the schedules filed with the Railroad Commission.

VIII. RENTAL OF METERS

- A. In case the customer desires integrating watt meters installed to measure the consumption of electrical energy by various floors, departments, or tenants, company will install such meters upon yearly contracts and charge therefor the following:

Charge for Installation

| Size and type of meter. | One meter. | Additional meters installed at same time as first meter. each | Annual rental charge payable in 12 equal monthly installments or otherwise as agreed upon. |
|---|------------|---|--|
| Single Phase and Direct Current: | | | |
| 10 amp. and smaller..... | \$1.00 | \$0.50 | \$ 3.00 |
| 15 amp. to 75 amp..... | 1.50 | .75 | 6.00 |
| 100 amp. to 300 amp..... | 3.00 | 1.00 | 12.00 |
| 3 Phase Meters: | | | |
| 5 amp. to 25 amp..... | 1.50 | .75 | 6.00 |
| 50 amp. to 150 amp..... | 3.00 | 1.00 | 12.00 |

The company will not obligate itself to supply the readings of the individual meters, nor assume any responsibility for their accuracy.

- B. Should customers desire rented meters tested and report thereon made, the company will make such test and report and charge therefor the following:

Charge for Testing and Report

| Size of meter. | One meter. | Additional meters tested at same time as first meter, each. |
|-------------------------|------------|---|
| 5 amp. to 25 amp..... | \$2.00 | \$1.00 |
| 40 amp. to 150 amp..... | 2.50 | 1.50 |

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

30—100 c. p. gas filled tungsten lamps burning all night every night. Rate: first 25 lamps \$26 per lamp per year; each additional lamp \$22.50 per year.

ORNAMENTAL:

None.

PARDEEVILLE.

(Population, 987.)

PARDEEVILLE ELECTRIC LIGHT PLANT.

Method of generation, steam and hydraulic.

Daily operating period, sunset to noon with interruptions after sunrise.

Commercial Lighting.

Minimum monthly bill, \$1.00.

First 60 hours' use of connected load per month, 10 cts. per kw-hr.

Next 60 hours' use of connected load per month, 8 cts. per kw-hr.

All in excess, 6 cts. per kw-hr.

The minimum monthly charge for motion picture machines is 60 hours' use of the maximum demand.

Discount 10% if paid before 3rd of the month.

Service will be discontinued if bills are not paid by the 20th of the succeeding month.

For reconnection of meter for the same consumer upon the same premises a charge of \$1.00 is made.

A deposit may be required to guarantee payment of bills.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

3—5 ampere, 220 volt, d. c. multiple carbon arc lamps, burning on a moonlight all-night schedule. Rate \$70 per lamp per year.

49—40 watt, 220 volt d. c. multiple tungsten lamps burning on a moonlight dusk to 11 p. m. schedule. Rate \$12 and \$15 per lamp per year.

ORNAMENTAL:

None.

PARK FALLS.

(Population, 1,972.)

PARK FALLS WATER, LIGHT & POWER CO.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.

METER RATES:

Minimum monthly charge, \$1.00.

Current 12 cts. per kw-hr.

For quantity consumed, the following discounts will be allowed:

Bills of from \$5.00 to \$10.00 per month, 5% discount.

| | | | | | | | |
|---|---|--------|---|----------|---|-----|---|
| " | " | 10.00 | " | 20.00 | " | 10% | " |
| " | " | 20.00 | " | 30.00 | " | 15% | " |
| " | " | 30.00 | " | 40.00 | " | 20% | " |
| " | " | 40.00 | " | 50.00 | " | 25% | " |
| " | " | 50.00 | " | 75.00 | " | 30% | " |
| " | " | 75.00 | " | 100.00 | " | 35% | " |
| " | " | 100.00 | " | 125.00 | " | 40% | " |
| " | " | 125.00 | " | 150.00 | " | 45% | " |
| " | " | 150.00 | " | and over | " | 50% | " |

5% cash discount allowed for all of above rates if bill is paid within ten days.

A deposit from \$2.00 to \$10.00, which will bear interest at 6%, may be required to secure payment of bills.

Meters are owned by the consumers.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

25—5 ampere, 110 volt d. c. multiple carbon arc lamps burning every night from dusk to 1 a. m. Rate: 10 lamps at \$100 each per year and 15 lamps at \$90 each per year.

2—100 watt, 110 volt d. c. multiple gas filled tungsten lamps burning every night from dusk to 1 a. m. Rate \$15 per lamp per year.

6—100 watt, 110 volt d. c. multiple tungsten lamps burning every night from dusk to 1 a. m. Rate \$15 per lamp per year.

5—150 watt, 110 volt d. c. multiple tungsten lamps burning every night from dusk to 1 a. m. Rate \$22.50 per lamp per year.

1—400 watt, 110 volt d. c. multiple tungsten lamp burning every night from dusk to 1 a. m. Rate \$60 per year.

ORNAMENTAL:

None.

PEPIN.

(Population, 397.)

PEPIN ELECTRIC COMPANY.

Method of generation, oil engines.

Daily operating period, continuous.

Commercial Lighting and Power.

Minimum charge per month \$1.00.

First 20 kw-hr. per month, 15 cts. per kw-hr.

Next 20 " " " 12 " " "

All over 40 kw-hr. per month 8 cts. per kw-hr.

There is a reconnection charge of \$1.50 to cover the disconnection and reinstallation of service to a consumer upon the same premises.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

18—60 watt, 110 volt d. c. multiple tungsten lamps burning on a moonlight dusk to 11 p. m. schedule. Rate \$24 per lamp per year.

5—300 watt, 110 volt d. c. multiple gas filled tungsten lamps burning on a moonlight dusk to 11 p. m. schedule. Rate \$24 per lamp per year.

ORNAMENTAL:

None.

PESHTIGO.

(Population, 1,975.)

THE PESHTIGO LUMBER CO.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

Minimum monthly charge, \$1.00.

10 cts. per kw-hr. for the first 30 kw-hr. use.

7 " " " second 60 " "

4 " " " all above the first 90 kw-hr.

FLAT RATES:**Interior Lighting.**

First 10 lamps in residence, 20 cts. per month; all over 10, 15 cts. each month.

Railway offices.....35 cts. per month.

Other offices.....25 " "

Stores, saloons, and business places.....40 " "

Churches.....6 " "

Society halls.....10 " "

Private barns.....20 " "

Livery barns.....25 " "

Signs, inclosed, for business places.....40 " "

Signs, inclosed, for society halls.....15 " "

These rates are for night service only. All above lights to be 60 watts or less

Commercial Power.

A service charge of 50 cts. per month for each h. p. of nominal rated capacity for motor or less, and

3½ cts. per kw-hr for installation of 20 h. p. or less:

3 cts. per kw-hr. for installations of over 20 h. p. and under 50 h. p.;

2½ cts. per kw-hr. for installations of 50 h. p., and under 75 h. p.

2 cts. per kw-hr. for installations of 75 h. p. and under 200 h. p.

ADDITIONAL POWER RATES:

Rate for current taken at high tension switch board for transmission is ¾ of a ct., and 1 ct. per kw-hr.

Electric flatirons, 50 cts. per month.

Electric fans in residences (8" to 12"), 50 cts. per month.

Meters are furnished by the company, but the cost of installation must be paid by the consumer.

A charge of \$0.30 per hour for labor is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

12—400 watt, 125 volt a. c. multiple gas filled tungsten lamps burning on a moonlight all-night schedule. Rate \$50 per lamp per year.

33—100 watt, 125 volt a. c. multiple gas filled tungsten lamps burning on a moonlight all-night schedule. Rate \$10 per lamp per year.

ORNAMENTAL:

None.

PEWAUKEE.

(Population, 749.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For commercial rate schedule see M. L. H. & T. Co., Milwaukee Part II.)

Street Lighting.

GENERAL:

25—4 ampere d. c. series magnetite arc lamps burning every night until midnight. Rate \$60 per lamp per year.

19—60 c. p., 6.6 ampere d. c. series gas filled tungsten lamps burning every night until midnight. Rate \$18 per lamp per year.

ORNAMENTAL:

None.

PEWAUKEE, TOWN OF

(Waukesha County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule see M. L. H. & T. Co., Milwaukee, Part II and Part III.)

PHILLIPS.

(Population, 1,948.)

PHILLIPS LIGHT, WATER, HEAT & POWER CO.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

METER RATES:

Minimum monthly bill \$1.00, plus meter rent 25 cts.

Current, 12 cts. per kw-hr.

Discount as follows, applies if payment is made at the office by the 15th of the month.

| | | | | |
|--------------|---------------------|-------------|----------|-----|
| Monthly bill | \$1.00 to | \$5.00..... | discount | 5% |
| " | 5.00 " | 10.00..... | " | 10% |
| " | 10.00 " | 15.00..... | " | 15% |
| " | 15.00 " | 20.00..... | " | 20% |
| " | 20.00 " | 25.00..... | " | 25% |
| " | 25.00 " | 30.00..... | " | 30% |
| " | 30.00 " | 35.00..... | " | 35% |
| " | 35.00 " | 40.00..... | " | 40% |
| " | 40.00 " | 45.00..... | " | 45% |
| " | 45.00 " | 50.00..... | " | 50% |
| " | 50.00 and over..... | | " | 50% |

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

29—6.6 ampere a. c. series carbon arc lamps burning on an every night dusk to midnight 4:30 a. m. to daylight schedule. Rate \$84 per lamp per year.

4—400 c. p. 15 ampere a. c. series tungsten lamps, same burning schedule as above. Rate \$84 per lamp per year.

ORNAMENTAL:

None.

PINE RIVER.

(Population, 136.)

PINE RIVER ELECTRIC PLANT.

Method of generation, water power.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month \$1.00.

Current 15 cts. per kw-hr.

Meters are owned by the utility.

A charge for the wire used is made for connecting consumer's premises with lines.

Street Lighting.

None.

PLAINFIELD.

(Population, 723.)

L. STARKS LIGHTING & MILLING CO.

Method of generation, gas power.

Daily operating period, dusk to midnight.

Commercial Lighting.

Minimum charge per month, \$0.75.

First 30 kw-hr. per month 15 cts. per kw-hr.

All over 30 kw-hr. per month 10 cts. per kw-hr.

Meters are owned by the consumers and utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

18—1000 watt, 110 volt a. c. multiple gas filled tungsten lamps burning on a moonlight midnight schedule. Rate \$70 per lamp per year.

ORNAMENTAL:

None.

PLATTEVILLE.

(Population, 4,452.)

INTERSTATE LIGHT & POWER CO.

Method of generation, steam plant at Galena, Ill.

Daily operating period, continuous.

Commercial Lighting.**SCHEDULE "A."**

These rates are for commercial lighting and small power users having a connected motor load of $\frac{1}{2}$ h. p. or less, and any miscellaneous electrical devices (including cooking or heating devices) connected to lighting circuits.

15 cts. for the first 20 kw-hr. used during any one month.

12 " " next 30 " " " the same "

10 " " " 50 " " " " "

8 " for all in excess of 100 kw-hr. used during the same month.

Subject to a discount of 10% if paid on or before the 10th day of the month succeeding that in which current is consumed.

The minimum charge is \$1.00 per month.

SCHEDULE "B"**ARC LAMPS FOR STORES AND BUSINESS PLACES:**

This schedule provides for the installation and maintenance of arc lamps by the company (not including wiring). Arc lamps can be used on the same circuits with other lighting, small power loads having a connected motor load of $\frac{1}{2}$ h. p. or less, and any miscellaneous electrical services.

15 cts. for the first 20 kw-hr. used during any one month.

12 " " next 30 " " " " "

10 " " " 50 " " " " "

8 " for all in excess of 100 kw-hr. used during any one month.

Subject to a discount of 10% if paid on or before the 10th day of the month succeeding that in which current is consumed.

The minimum charge for current consumed under this schedule is \$2.00 per month per arc lamp installed.

In addition to the above charges and monthly minimum guarantee for current consumed, a net charge of 50 cts. per arc lamp installed is made monthly, to cover the cost of maintenance and trimming.

SCHEDULE "C"**WINDOW LIGHTING.**

This schedule is for yearly contracts with lamps burning from dusk until 10:00, 10:30, or 11:00 at night, where the lamps are turned on and off by the company, and a separate circuit with switch is provided for same by the consumer. This schedule is based on an average of 5, $5\frac{1}{2}$, and 6 hours of burning every night throughout the year, and upon the following watt rating of lamps:

| | <i>Carbon Lamps.</i> | <i>Tungsten Lamps.</i> |
|--------------|----------------------|------------------------|
| 2 c. p..... | 14 watts | 25 watts |
| 4 c. p..... | 20 watts | 40 watts |
| 8 c. p..... | 32 watts | 60 watts |
| 16 c. p..... | 56 watts | 100 watts |
| 32 c. p..... | 110 watts | |

This special rate is made only to consumers who use the company's service for lighting the interior of the same store or office.

Current, $7\frac{1}{2}$ cts. per kw-hr.

Subject to a discount of 10% if paid on or before the 10th day of the month succeeding that in which current is consumed.

The minimum charge is \$1.00 per month.

In cases where the consumer does not use the company's service for lighting the interior of the same store or office, the consumer will be charged for window lighting as per schedule "A."

No free renewals of any kind of incandescent lamps are furnished under this schedule.

SCHEDULE "D"

ILLUMINATED SIGNS:

"D—1" Company Furnishes Signs:

Under this schedule the company furnishes and installs the sign and after 24 months continuous use the sign becomes the property of the consumer. The company furnishes free lamp renewals and turns sign on at dusk and off at 11:00 o'clock every night during the entire year.

SECTIONAL LETTER SIGNS:

2 c. p. carbon lamps, 18 cts. per month per lamp.

4 c. p. carbon or tungsten lamps, 20 cts. per month, per lamp.

PANEL SIGNS:

4 c. p. carbon or tungsten lamps, 36 cts. per month per lamp.

8 c. p. carbon lamps, 50 cts. per month per lamp.

Subject to a discount of 10% if paid on or before the 10th day of the month succeeding that in which current is consumed.

After 24 months continuous use of sign, consumer pays for current consumed as per Schedule "D—2."

"D—2" Consumer Owns Sign. Company Furnishes Free Lamp Renewals.

Under this schedule the consumer furnishes and installs his own sign and the company turns sign on at dusk and off at eleven o'clock every night the entire year. The company furnishes free lamp renewals and charges consumer for current at the following rates:

2 c. p. carbon lamps, 12 cts. per month per lamp.

4 c. p. carbon or tungsten lamps, 14 cts. per month per lamp.

8 c. p. carbon lamps, 20 cts. per month per lamp.

Subject to a discount of 10% if paid on or before the 10th day of the month succeeding that in which current is consumed.

SCHEDULE "E"

COOKING AND HEATING BY ELECTRICITY:

For the benefit of consumers desiring to use electricity for cooking and heating purposes, the company furnishes current at the following very low rate, provided the consumer arranges his wiring for such purposes on a separate circuit direct from the house service in such a manner that the company can install a separate meter for the same.

Current, 7 cts. per. kw-hr.

Subject to a discount of 10% if paid on or before the 10th day of the month succeeding that in which current is consumed.

The minimum charge is \$1.50 per month.

Commercial Power.

SCHEDULE "F"

WHOLESALE POWER RATES:

To Mines, Factories, Villages, Etc., for Monthly Consumption of Electricity.

| Quantities. | Rates per kw-hr. | |
|--|------------------|--------|
| Up to 100 kw-hr. inclusive..... | | \$0.08 |
| For excess over 100 and up to 300 kw-hr..... | \$0.07 | |
| For 300 kw-hr..... | | .0735 |
| For excess over 300 and up to 500 kw-hr..... | .06 | |
| For 500 kw-hr..... | | .068 |
| For excess over 500 and up to 700 kw-hr..... | .05 | |
| For 700 kw-hr..... | | .0628 |
| For excess over 700 and up to 1,000 kw-hr..... | .04 | |
| For 1,000 kw-hr..... | | .056 |
| For excess over 1,000 and up to 5,000 kw-hr.... | .035 | |
| For 5,000 kw-hr..... | | .0392 |
| For excess over 5,000 and up to 15,000 kw-hr.... | .03 | |
| For 15,000 kw-hr..... | | .033 |
| For excess over 15,000 and up to 30,000 kw-hr.. | .025 | |
| For 30,000 kw-hr..... | | .029 |
| For excess over 30,000 and up to 50,000 kw-hr.. | 0.0238 | |
| For 50,000 kw-hr..... | | 0.0269 |
| For excess over 50,000 and up to 80,000 kw-hr.. | .0225 | |
| For 80,000 kw-hr..... | | .0253 |
| For excess over 80,000 kw-hr..... | .02 | |

The rates in this schedule are not subject to any discount. The minimum monthly charge is \$1.00 per h. p. of motors installed.

The company may require a deposit or satisfactory bond of delinquent consumers to insure the payment of future bills.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

14—3.5 ampere, a. c., series, carbon arc lamps, burning upon an all-night every-night schedule. Rate \$75 per lamp per year.

212—40 c. p., 3.5 ampere, a. c. series gas filled tungsten lamps, burning on an every-night midnight schedule. Rate \$17 per lamp per year.

ORNAMENTAL:

None.

PLEASANT PRAIRIE, TOWN OF

(Kenosha County.)

WISCONSIN GAS & ELECTRIC COMPANY.

(See rural rate schedule for Town of Geneva.)

Street Lighting.

None.

PLYMOUTH.

(Population, 3,094.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly bill, \$1.00.

Current, 10 cts. per kw-hr.

10% is added to bill if not paid by the 10th of the month.

Commercial Power.

First 50 kw-hr. per month 8 cts. per kw-hr.

Next 50 " " " 7 " " "

Next 50 " " " 6 " " "

Next 50 " " " 5 " " "

Next 50 " " " 4 " " "

All over 250 " " " 3 " " "

For each motor of 1 h. p. and less (nominal rated capacity) a minimum charge of \$1.00 per month is made. For each motor of over 1 h. p. a minimum charge of \$1.00 per month is made for each h. p. or fraction thereof of nominal rated capacity of motor or motors installed.

A discount of 5% is allowed on bills paid on or before the 10th of the month.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

78—4.5 ampere, d. c., series magnetite arc lamps, burning practically all night. Rate \$60 per lamp per year.

ORNAMENTAL:

None.

PORTAGE.

(Population, 5,440.)

PORTAGE ELECTRIC LIGHT COMPANY.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Business houses using light until 10 and 12 o'clock:

First 30 kw-hr. 10 cts. per kw-hr.

Second 30 " 8 " " "

Over 60 " 6 " " "

Business houses using light until 8 and 9 o'clock:

First 30 kw-hr. 10 cts. per kw-hr.

Second 30 " 9 " " "

Over 60 " 8 " " "

Halls, churches, lodge rooms, school houses, residences:

First 30 kw-hr. 12 cts. per kw-hr.

Second 30 " 11 " " "

Over 60 " 10 " " "

Electric theaters:

Current 10 cts. per kw-hr.

Flatiron rate in laundries and factories:

Service charge of 50 cts. per month 500 watts installation plus a charge for current of 5 cts. per kw-hr.

WHOLESALE LIGHTING RATE for customers using 1500 kw-hr. or more per month, of 110 or 220 volts, 60 cycle, single phase current for lighting purposes. This rate shall consist of a demand charge, and energy charge and a discount for prompt payment.

Demand charge:

The kw. demand charge shall be \$1.00 per kw. per month for each kw. of demand as measured during any preceding 30 minute interval of the year, the demand to be measured by an approved form of demand indicator.

Energy charge:

For the first 1500 kw-hr. used in any one month 4 cts. per kw-hr.

For all energy used in any one month in excess of 1500 kw-hr.
3 cts. per kw-hr.

Discount:

The total monthly bill shall be subject to a discount of 5% on the first \$25.00 and 1% on each additional dollar or fraction thereof for payment within 10 days from date issued.

Commercial Power.**Service charge:**

\$1.00 per h. p. per month for maximum amount of power demanded based on the following percentages of the rated h. p. connected:

| | |
|--|------|
| Where installation is under 10 h. p. (only 1 motor)..... | 100% |
| " " " " 10 " (more than 1 motor)..... | 75% |
| " " " from 10 h. p. to 50 h. p..... | 65% |
| " " " over 50 h. p..... | 55% |

Current Charge:

First 500 kw-hr. 4½ cts. per kw-hr.

Second 500 " 4 " " "

Third 500 " 3½ " " "

All over 1,500 " 3 " " "

The above rate applies to 1 h. p. maximum demand and over.

Small motors on regular lighting circuits, regular lighting rates.

OFF-PEAK POWER.

Service not to be used after 5 p. m.

Service Charge \$1.00 per h. p. per month based on the following percentages of the rated h. p. connected:

| | |
|--|------|
| Where installation is under 10 h. p. (only 1 motor)..... | 100% |
| " " " " 10 " (more than one motor)..... | 75% |
| " " " from 10 h. p. to 50 h. p..... | 65% |
| " " " over 50 h. p..... | 55% |

Energy Charge:

First 2000 kw-hr. per month 3 cts. per kw-hr.

All over 2000 kw-hr. per month 2.5 cts. per kw-hr.

SEASONAL POWER.

Power not to be used during November, December, January and February.

Motors must be disconnected for at least three months.

No service charge during November, December, January and February. Energy charge same as for regular power service.

RATE TO STREET RAILWAY.

\$1.00 per kw. reservation charge.

Current 1¼ cts. per kw-hr. measured at station bus bars.

All electric light bills which are figured at any standard rate, rates 1 to 4, both inclusive, as shown on our regular lighting bill forms, will be subject to a discount of 1 ct. per kw-hr. on the first 30 or less kw-hr. for payment within 10 days from date.

All power bills which are figured at the standard rate, as shown on the back of the regular power bill forms, will be subject to a discount of 10% on the current charge only, but in no instance is the discount to be given on any special power rates which have a lower energy rate than the standard.

Service will be discontinued if the bills are not paid inside of 40 days.

For reconnection of meters for the same consumer upon the same premises a charge of \$1.00 will be made.

The company reserves the right to require a deposit of sufficient amount to guarantee the payment of monthly bills.

Failure on the part of a consumer to receive a bill by mail or to have a collector call, will not exempt a consumer from the rule.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

62—6.6 ampere a. c. series carbon arc lamps burning all night every night. Rate \$70 per lamp per year.

47—60 c. p., 6.6 ampere a. c. series gas filled tungsten lamps burning all night every night. Rate \$30 per lamp per year.

8—600 c. p., 6.6 ampere a. c. series gas filled tungsten lamps burning all night every night. Rate \$70 per lamp per year.

ORNAMENTAL:

None.

PORT EDWARDS.

(Population, 758.)

NEKOOSA-EDWARDS PAPER COMPANY.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.

10 cts. per kw-hr., with 20% discount if bills are paid on or before the 15th of the month.

Commercial Power.

Minimum charge per month 80 cts.

Current, 3 cts. per kw-hr. with 20% discount if bills are paid on or before the 15th of the month.

Rates for Electric Heating and Cooking.

Minimum charge per month, 80 cts.

Current, 3 cts. per kw-hr. with 20% discount if bills are paid on or before the 15th of the month.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

30—60 watt, 220 volt, a. c. multiple tungsten lamps, burning from dusk to 12:00 p. m. and from 5:00 a. m. to daylight, on a moonlight schedule. Current metered at 10 cts. per kw-hr., with discount of 20%.

20—150 watt, 220 volt, a. c., multiple tungsten lamps, burning from dusk to 12:00 p. m. and from 5:00 a. m. to daylight, on a moonlight schedule. Current metered at 10 cts. per kw-hr., with discount of 20%.

ORNAMENTAL:

None.

PORT WASHINGTON.

(Population, 3,792.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly bill, 75 cts.

Residences, 8 cts. per kw-hr.

Business, 7 cts. per kw-hr.

Meter rent, 10 cts. per month.

Commercial Power.

Less than 150 kw-hr. per month, 7 cts. per kw-hr.

| | | | | | | |
|-------------|-----|---|---|---|---|---|
| From 150 to | 250 | " | " | 6 | " | " |
|-------------|-----|---|---|---|---|---|

| | | | | | | |
|---|--------|-----|---|---|---|---|
| " | 250 to | 500 | " | " | 5 | " |
|---|--------|-----|---|---|---|---|

| | | | | | | |
|---|--------|-------|---|---|---|---|
| " | 500 to | 1,000 | " | " | 4 | " |
|---|--------|-------|---|---|---|---|

| | | | | | | |
|-----------|-------|---|---|---|---|---|
| Exceeding | 1,000 | " | " | 3 | " | " |
|-----------|-------|---|---|---|---|---|

No charge is made for connecting consumer's premises with lines.

Meters are owned by the utility.

Street Lighting.**GENERAL:**

18—6.6 ampere a. c. series carbon arc lamps burning all night every night. Rate \$70 per lamp per year.

52—100 c. p., 6.6 ampere a. c. series gas filled tungsten lamps burning all night every night. Rate \$12 per lamp per year.

22—200 c. p., 6.6 ampere a. c. series gas filled tungsten lamps burning all night every night. Rate \$15 per lamp per year.

ORNAMENTAL:

None.

POUND.

(Population, 289.)

COLEMAN-POUND LIGHT & POWER COMPANY.

(For commercial rate schedule see Coleman.)

Street Lighting.**GENERAL:**

5—200 watt, 110 volt a. c. multiple gas filled tungsten lamps burning on an every night dusk to 1 a. m. schedule. Rate \$24 per lamp per year.

4—300 watt, 110 volt a. c. multiple gas filled tungsten lamps burning on an every night dusk to 1 a. m. schedule. Rate \$36 per lamp per year.

ORNAMENTAL:

None.

POYNETTE.

(Population, 656.)

POYNETTE ELECTRIC COMPANY.

Method of generation, hydraulic and oil engine.

Daily operating period, on week days from 5 a. m. to midnight; on Saturday nights until 1 a. m.; Sunday—dusk to midnight.

Commercial Lighting.**METER RATES:**

Minimum charge per month \$1.00.

| | | | |
|-------|---------------------|----|-----------------|
| First | 10 kw-hr. per month | 15 | cts. per kw-hr. |
|-------|---------------------|----|-----------------|

| | | | |
|------|------|---|------|
| Next | 10 " | " | 14 " |
|------|------|---|------|

| | | | |
|------|------|---|-------|
| Next | 30 " | " | 12½ " |
|------|------|---|-------|

| | | | |
|----------|------|---|------|
| All over | 50 " | " | 11 " |
|----------|------|---|------|

A charge of 16 cts. per kw-hr for all current used will be made on all bills not paid by the 10th of the month.

FLAT RATE of 1 ct. per watt for lights.

(Rate applicable only in cases where it is impracticable to meter.)

Extra service after midnight:

\$1.00 for the first hour, and 50 cts. for each additional hour or fraction thereof.

Commercial Power.

Minimum charge of \$1.00 for the first h. p. or fraction thereof, plus \$0.50 for each additional h. p.

First 50 kw-hr. per month 8 cts. per kw-hr.

Next 150 " " " 6 " " "

Next 200 " " " 5 " " "

All over 400 " " " 4 " " "

A charge of 1 ct. additional on each step of the power schedule will be made on all bills not paid by the 10th of the month.

For the reconnection of a consumer upon the same premises, a charge of \$1.00 is made.

Meters are owned by the utility.

A charge for time and material is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

12—250 c. p., 6.6 ampere a. c. series tungsten lamps burning every night until midnight, Saturday night to 1 a. m.

32—100 c. p., 6.6 ampere a. c. series tungsten lamps, same burning schedule as above. Flat charge of \$1300 per year for 12—250 c. p. and 28—100 c. p. lamps. Additional 100 c. p. lamps 7 cts. per night.

ORNAMENTAL:

None.

POY SIPPI.

(Population, 275.)

POY SIPPI LIGHTING & POWER COMPANY.

Method of generation, water power.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month \$0.40.

Current 15 cts. per kw-hr.

Meters are owned by the utility.

A charge of \$1.00 is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

7—700 watt, 117 volt d. c. multiple tungsten lamps burning every night from dusk to 10 p. m. Rate \$20 per lamp per year.

ORNAMENTAL:

None.

PRAIRIE DU CHIEN.

(Population, 3,149.)

PRAIRIE CITY ELECTRIC COMPANY.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly charge as follows:

Installations less than 25 lamps, \$1.00 per month.

| | | | | |
|---|---------------|---|------|---|
| " | from 25 to 40 | " | 1.50 | " |
| " | " 40 to 100 | " | 2.50 | " |
| " | " 100 to 200 | " | 4.50 | " |
| " | " 200 to 300 | " | 5.50 | " |

Patrons owning their own meters will be charged 25 cts. less per month on above rating.

Rates for current:

Residences, 10 cts. per kw-hr.

Business places, 10 cts. per kw-hr., or 8 cts. per kw-hr. if 600 watts or more are used all night.

Following discounts apply if bills are paid before the 15th of the month.

| | | | |
|-------------|-------------------|-------|-----|
| Bill's from | \$5.00 to \$10.00 | ..... | 5% |
| " | " 10.00 " 15.00 | ..... | 10% |
| " | " 15.00 " 20.00 | ..... | 15% |
| " | over 20.00 | ..... | 20% |

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

8—6.6 ampere a. c. series gas filled tungsten lamps burning on an all-night moonlight schedule. Rate \$75 per lamp per year.

97—100 c. p., 6.6 ampere a. c. series gas filled tungsten lamps burning on an all night moonlight schedule. Rate \$25 per lamp per year.

ORNAMENTAL:

42 posts, 8 posts to block in pairs; 1—200 watt gas filled tungsten lamp on each post; 21 lamps burn every night from dusk to 11 p. m. and 21 burn every night all night. Rate \$42.50 per lamp per year. System installed by utility. Utility bears cost of maintenance. City pays for service.

PRAIRIE DU SAC.

(Population, 699.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month \$0.75.

| | | |
|----------|---------------------|--------------------|
| First | 20 kw-hr. per month | 10 cts. per kw-hr. |
| Next | 30 " " " | 9 " " " |
| Next | 50 " " " | 8 " " " |
| Next | 50 " " " | 7 " " " |
| All over | 150 " " " | 6 " " " |

Commercial Power.

Motors of 3 h. p. and under, lighting rates.

Rate for motors larger than 3 h. p.

Service charge 15 cts. per h. p. per month.

| | | |
|----------|----------------------|-------------------|
| First | 100 kw-hr. per month | 5 cts. per kw-hr. |
| Next | 100 " " " | 4 " " " |
| Next | 1,000 " " " | 3 " " " |
| All over | 1,200 " " " | 2¼ " " " |

Minimum charge per month \$1.00.

A penalty of 10% will be added to all bills not paid by the 15th of the month.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

8—80 c. p., 40—100 c. p. and 2—600 c. p. 6.6 ampere, a. c. series gas filled tungsten lamps burning from dusk to midnight.
12—600 c. p., 20 ampere, a. c. series gas filled tungsten lamps burning from dusk to midnight.

Flat charge of \$1,200 per year for all street lighting.

ORNAMENTAL:

None.

PRAIRIE FARM.

(Population, 368.)

PRAIRIE FARM ELECTRIC COMPANY.

Method of generation, oil engine.

Daily operating period, dusk to 11 p. m.

Commercial Lighting.**METER RATES:**

15 cts. per kw-hr.

FLAT RATES:**Residences.**

4—20 watt lamps, \$1.00 per month.

5—20 " " 1.25 " "

Business Places.

3—40 watt lamps, \$1.50 per month.

4—40 " " 2.00 " "

Each additional 40 watt lamp \$0.50.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

12—60 watt and 100 watt d. c. multiple tungsten lamps burning on a moonlight dusk to 11 p. m. schedule. Rate: 60 watt lamp \$9 per lamp per year, 100 watt lamps \$15 per lamp per year.

ORNAMENTAL:

None.

PRENTICE.

(Population, 606.)

PRENTICE LIGHT & POWER CO.

Method of generation, kerosene and gasoline.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly charge: Residences, \$1.25; business places, \$1.50.

Current 12 cts. per kw-hr.

Meters are owned by the utility.

Street Lighting.**GENERAL:**

15—300 watt, 220 volt, d. c. multiple gas filled tungsten lamps burning every night from dusk to midnight. Rate \$50 per lamp per year.

ORNAMENTAL:

None.

PRESCOTT.

(Population, 936.)

RIVER FALLS POWER CO.

Method of generation, water power.

Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

First two hours per day, 15 cts. per kw-hr., third hour, 10 cts. per kw-hr.; all over 3 hours per day, 7 cts. per kw-hr.

10% added to bill if not paid by 15th of month.

FLAT RATES:

50 cts. per 16 c. p. lamp per month.

Commercial Power.

Rate based on total rated capacity of the consumer's equipment, viz.:

One hour per day, 8 cts. per kw-hr.; 2 hours, 6 cts.; 3 hours, 5 cts.; 5 hours, 4 cts.; 6 hours, $3\frac{1}{2}$ cts.; 7 hours, $3\frac{1}{4}$ cts.; 8 hours or over, per day, 3 cts. per kw-hr.

10% added if not paid by the 15th of the month.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

42—100 c. p. gas filled tungsten lamps burning about 1700 hours per year. Rate \$24 per lamp per year.

5—200 c. p. gas filled tungsten lamps burning about 1700 hours per year. Rate \$48 per lamp per year.

ORNAMENTAL:

None.

PRINCETON.

(Population, 1,269.)

MUNICIPAL PLANT.

Method of generation, hydraulic.

Daily operating period, dusk to 12 p. m. and 5 a. m. to daylight.

Commercial Lighting.**METER RATES:**

First 60 kw-hr. 12 cts. per kw-hr.

All over 60 kw-hr. 11 cts. per kw-hr.

Meter rent, 25 cts. per month to consumers not owning their own meters.

Discount, 4 cts. per kw-hr. if paid on or before the 15th of the following month.

FLAT RATES:

Business places, 1 ct. per watt installation per month on yearly contract.

Meters are owned by consumers and utility.

A charge of \$1.00 is made for connecting building to line.

Street Lighting.**GENERAL:**

26—250 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps burning on a moonlight midnight schedule. Rate \$40 per lamp per year.

24—E. R.

5—250 watt, 110 volt a. c. multiple gas filled tungsten lamps burning on a moonlight midnight schedule. Rate \$30 per lamp per year.

16—60 watt, 110 volt a. c. multiple tungsten lamps burning on a moonlight midnight schedule. Rate \$12 per lamp per year.

ORNAMENTAL:

None.

PULASKI.

(Population, 436.)

PULASKI LIGHT & POWER COMPANY.

Method of generation, oil engine.

Daily operating period, sunset to 11:30 p. m.

Commercial Lighting.

Minimum charge per month \$1.00.

First 20 kw-hr per month 13 cts. per kw-hr.

Next 80 " " " 10 " " "

All over 100 " " " 8 " " "

A deposit of \$5.00 is required of consumers.

Meters are owned by the utility.

A charge of \$2.50 is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

14—250 c. p., 4 ampere, a. c. series gas filled tungsten lamps burning every night from dusk to 11:30 p. m. Rate \$33 per lamp per year.

ORNAMENTAL:

None.

RACINE.

(Population, 38,002.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate commercial schedule see M. L. H. & T. Co., Milwaukee, Part I.)

Street Lighting.

GENERAL:

360—4 ampere, d. c., series magnetite arc lamps, burning all night every night. Lamps supplied from over-head system, \$53.52 per lamp per year. Lamps supplied from under-ground system \$78.70 per lamp per year.

336—80 c. p., 6.6 ampere and 4 ampere, a. c. and d. c. series tungsten lamps, burning all night every night. Lamps supplied from over-head system \$20.16 per lamp per year. Lamps supplied from under-ground system \$28.06 per lamp per year.

8—400 watt, 120 volt, a. c. multiple tungsten lamps, burning all night every night. Rate \$72 per lamp per year.

ORNAMENTAL:

None.

RANDOLPH.

(Population, 937.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

METER RATES:

Minimum monthly charge, 75 cts.

Current, 10 cts. per kw-hr.

FLAT RATES:

50 cts. per month per 16 c. p. lamp.
75 " " " " 32 " "

Commercial Power.

Minimum monthly charge \$1.00 per h. p.

Current 3 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

90—40 watt, 220 volt, d. c., multiple tungsten lamps burning on an all-night every-night schedule.

6—500 watt, 220 volt, d. c. multiple tungsten lamps burning on an all-night every-night schedule.

Total charge for above street lighting, \$1500 per year.

ORNAMENTAL:

None.

RANDOM LAKE.

(Population, 408.)

RANDOM LAKE ELECTRIC LIGHT & POWER CO.

Method of generation, gasoline and kerosene.

Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

Minimum monthly bill, \$1.00.

Current, 15 cts. per kw-hr.

Discount, 16% if paid on or before the 10th of the month.

Company may require a deposit of money as security for the payment of electricity intended to be consumed, to secure itself against loss.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

22—100 watt, 110 volt, d. c. multiple tungsten lamps, burning every night from dusk to 11:00 p. m. Rate \$21. per lamp per year.

ORNAMENTAL:

None.

REDGRANITE.

(Population, 1,521.)

NESHKORO LIGHT & POWER CO.

Method of generation, hydraulic plant at Neshkoro.

Daily operating period, continuous.

(For commercial rate schedule see Neshkoro.)

Street Lighting.**GENERAL:**

40—200 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps burning all night every night. Rate \$45 per lamp per year.

ORNAMENTAL:

None.

REEDSBURG.

(Population, 2,615.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, \$0.75.

Current 7½ cts. per kw-hr.

Cooking and Heating Rate.

Minimum charge per month, \$1.50.

Current 5 cts. per kw-hr.

Commercial Power.

Minimum charge per month \$1.00 per h. p.

Current 3 cts. per kw-hr.

Meters are owned by utility.

A charge of \$1.00 is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

68—100 watt, 110 volt a. c. multiple gas filled tungsten lamps burning all night every night. Rate \$17 per lamp per year.

24—200 watt, 110 volt a. c. multiple gas filled tungsten lamps burning all night every night. Rate \$25 per lamp per year.

20—500 watt, 110 volt a. c. multiple gas filled tungsten lamps burning all night every night. Rate \$50 per lamp per year.

ORNAMENTAL:

None.

REEDSVILLE.

(Population, 550.)

MUNICIPAL PLANT.

Method of generation, gas producer.

Daily operating period, 4:30 p. m. to 12:00 p. m.

Commercial Lighting.**METER RATES:**

Current 9 cts. per kw-hr.

FLAT RATES:

60 cts. per month for saloons.

50 cts. per month for residences.

A charge of \$2.00 is made for reconnection when service has been shut off for non-payment of bills.

Some meters are owned by consumers and some by the utility.

Consumers pay the cost from the curb to the premises for connecting with lines.

Street Lighting.**GENERAL:**

30—220 watt, 250 volt, d. c. multiple tungsten lamps, burning from dusk to midnight, 1500 hours per year. Rate \$50 per lamp per year.

ORNAMENTAL:

None.

REESEVILLE.

(Population, 352.)

REESEVILLE HEAT, LIGHT & POWER COMPANY.

Method of generation, fuel oil.

Daily operating period, continuous.

Commercial Lighting.

To customers signing the company's standard form of contract, providing service for one year or more, the charge for electric service shall be computed on the following basis:

First 100 kw-hr. consumed during any one month 14 cts. per kw-hr.

Next 100 kw-hr. consumer during any one month 12 cts. per kw-hr.

Next 100 kw-hr. consumed during any one month 10 cts. per kw-hr.

Next 300 kw-hr. consumed during any one month 8 cts. per kw-hr.

All in excess of 600 kw-hr. consumed during any one month 6 cts. per kw-hr.

The foregoing rate shall apply to all customers utilizing company's electric service for lighting.

The foregoing rate is subject to the minimum monthly payment as follows:

A minimum monthly bill shall be charged of \$1.00 to cover such expenses occasioned by the individual consumer as billing, inspecting and maintaining meter, etc.

This service will include:

Electric energy furnished for lamps and other appliances utilized for illumination purposes, except as hereinafter specifically exempted.

Motors and appliances other than lighting equipment where provided with a starting apparatus designed to limit the initial or starting current to a value not exceeding $2\frac{1}{2}$ times the full load current, alternating current motors of $\frac{1}{4}$ h. p. when wound for 110 volts, and of $\frac{1}{2}$ h. p. when wound for 220 volts, the aggregate rated capacity of such appliances not to exceed 2 kw. will be included in this class when used in connection with lighting and when the connected load of such motors and appliances does not exceed the aggregate rated capacity of lighting equipment.

Commercial Power.

First 100 kw-hr. consumed during any one month 10 cts. per kw-hr.

Next 100 kw-hr. consumed during any one month 8 cts. per kw-hr.

Next 100 kw-hr. consumed during any one month 6 cts. per kw-hr.

Next 300 kw-hr. consumed during any one month 4 cts. per kw-hr.

All in excess of 600 kw-hr. consumed during any one month 3 cts. per kw-hr.

The foregoing rate shall apply to all customers utilizing company's electric service for power.

The foregoing rate is subject to a minimum monthly payment as follows:

A minimum monthly bill under the power rate for power shall be charged of \$2.00 for installation of 2 h. p. or less, nominal

rated capacity, plus \$1.00 for each additional h. p. or fraction thereof nominal rated capacity.

A minimum monthly bill for any power customer having an installation of 2 h. p. or less, and purchasing service under the Power Rate shall be charged \$2.00.

Electric energy utilized for motive and heating purposes, and miscellaneous lighting service, where the demand arising from such miscellaneous lighting service shall not be in excess of 20% of the total simultaneous demand for lighting and power service.

Stereopticons, moving picture machines, photographers' arc lamps and rectifiers shall be classed as power equipment.

Discount for Prompt Payment.

On bills paid at office of company or its authorized collection agencies within ten days of date of bill a discount of five per cent will be given.

On bills for electric service supplied to the federal county and city government, paid at the office of the company or its authorized collection agencies, within 60 days of date of bill, the prompt payment discount provided for in the contract under which such service is sold, will be allowed.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

10—100 watt, 110 volt a. c. multiple tungsten lamps burning every night from dusk to midnight. Rate \$24 per lamp per year.

ORNAMENTAL:

30 posts, 6 posts to block staggered; 1—100 watt and 4—60 watt, 110 volt a. c. multiple lamps on each post; 60 watt lamps burn every night until 10 p. m., 100 watt lamps burn all night every night. Rate \$22 per post per year. System installed and maintained by utility. City pays for the service.

REWEY.

(Population, 329.)

MINERAL POINT PUBLIC SERVICE CO.

(See Mineral Point for rate schedule.)

Street Lighting.

25—40 c. p., 6.6 ampere, a. c. series, gas filled tungsten lamps, burning upon a dusk to midnight moonlight schedule. Rate \$18 per lamp per year.

ORNAMENTAL:

None.

RHINELANDER.

(Population, 5,637.)

RHINELANDER LIGHT & POWER COMPANY.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.

For all metered lighting service the charge shall be:

Primary Rate 10 cts. net or 11 cts. gross per kw-hr. for current used equivalent to or less than the first 30 hours' use per month of the active connected load.

Secondary Rate 7 cts. net or 8 cts. gross per kw-hr. for additional current used equivalent to or less than the next 60 hours' use per month of the active connected load.

Excess Rate 4 cts. net or 5 cts. gross per kw-hr. for all current used in excess of the above 90 hours' and equivalent to or less than the next 60 hours' use per month of the active connected load and 2 cts. net or 3 cts. gross per kw-hr. for all current used in excess of the above 150 hours' use per month of the active connected load.

For patrolled lighting service for signs, outlines and windows the charge shall be 4 cts. net or 5 cts. gross per kw-hr. for current used as estimated on the basis of hours contracted for.

Minimum Charge per month for all lighting service \$1.00.

ACTIVE CONNECTED LOAD shall in each case be a fixed percentage of the total connected load, consisting of lamps, appliances, etc., installed upon the customers premises excepting stoves, water and air heaters, these are not to be considered in taking the load.

READINESS TO SERVE. Where customers having their own lighting equipments and the lighting company is required to maintain transformer capacity large enough to take care of their load, a minimum charge of \$1.00 per month for the first kw., 75 cts. per month for each additional kw. up to and including 5 kw. and 50 cts. per month for each kw. connected over and above 5 kw., and should the current consumed by the customer equal or exceed the amount of the minimum charge, then they shall be billed as per our regular rate.

In Class A, which includes residences, dwellings, flats and private rooming houses, where the total connected load is equal to or less than 500 watts nominal rated capacity, 60% of such total connected load shall be deemed active; where the installation exceeds 500 watts nominal rated capacity, 33⅓% of such part of the total connected load over and above 500 watts shall be deemed active.

In Class B, which shall include all stores, business and professional places, public halls, passenger depots and theaters where the total connected load is equal to or less than 2.5 kw. nominal rated capacity, 70% of such total connected load shall be deemed active, where the installation exceeds 2.5 kw. nominal rated capacity 55% of such part of the total connected load over and above 2.5 kw. shall be deemed active.

In Class C, which includes county and city buildings, schools, factories, industrial establishments, shops, stables, garages and warehouses, 55% of the total connected load shall be deemed active.

In Class D, which shall include unmetered lighting for signs, outlines and windows patrolled by the company and contracted for on a yearly basis, the total connected load shall be deemed active.

Commercial Power.

Demand Charge (payable in monthly installments).

| | |
|---------|---|
| \$36.00 | per year for each kw. of demand of the first 10 kw. |
| \$24.00 | " " " " " " " " next 10 kw. |
| \$10.00 | " " " " " " " " in excess of 20 kw. |

Energy Charge, Standard Rate:

.6 cts. per kw-hr. for current used up to 20% of the continuous use of the maximum demand.
 .2 cts. per kw-hr. for all current used in excess of the continuous use of 20% of the maximum demand.

The demand shall be determined as maximum rate at which energy is used for any continuous period of 15 consecutive minutes

and may be determined by the constant or periodic use of any type of recording or graphic type of approved meter.

A minimum charge of 50 cts. per h. p. installed shall be paid by the customer for each month that the actual consumption of current at the above schedule of rate shall produce a less total amount.

A penalty of 10% of the amount of a customer's power bill shall be added, if payment is not made on or before the 15th of the month following that in which the current was used.

OPTIONAL POWER RATE.

A fixed or service charge of \$1.00 per month for each installation of 1 h. p. or less, nominal rated capacity.

A fixed or service charge of 75 cts. per month for each additional h. p. nominal rated capacity, up to and including 5 h. p.

A fixed or service charge of 50 cts. per month for each h. p. nominal rated capacity, connected over and above 5 h. p.

Plus a meter charge of 3 cts. net or 4 cts. gross per kw-hr. for all current used equivalent to or less than the first ninety hours' use per month of the connected installation, and 2 cts. net or 3 cts. gross per kw-hr. for all current used in excess of the above 90 hours' use of the connected installation.

DISCOUNT.

The company shall bill all customers the gross rate and the difference between the gross and the net rates above specified, or 1 ct. per kw-hr., shall constitute a discount for prompt payment.

Where the company is unable to read a meter after reasonable effort, the fact shall be plainly indicated upon the monthly bill, the minimum charge of \$1.00 in the case of lighting and the fixed or service charge in the case of power shall be assessed and the difference adjusted with the customer when the meter is read again.

The above schedule of power rates may be used interchangeably, the customer being given whichever rate figures to his benefit.

The customer having the privilege to change from one rate to the other at the beginning of a calendar month, and when changed shall remain in force not less than one month and until further notice is given in writing.

All lighting and power bills are payable on or before the 15th of the month following that in which the current was used.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

74—6.6 ampere, a. c. series carbon arc lamps burning all night every night. Rate \$72 per lamp per year.

9—400 c. p., 6.6 ampere, a. c. series tungsten lamps burning all night every night. Rate \$72 per lamp per year.

ORNAMENTAL:

None.

RIB LAKE.

(Population, 1,018.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, dusk to midnight.

Commercial Lighting.

Minimum monthly bill, 75 cts.

Current, 10 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

75—32 c. p., 5 ampere, a. c. series tungsten lamps burning every night from dusk to midnight. Rate \$8 per lamp per year.

ORNAMENTAL:

None.

RICE LAKE.

(Population, 3,968.)

WISCONSIN-MINNESOTA LIGHT & POWER COMPANY.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly charge, 50 cts.

Illuminating service, including all heating and power appliances consuming less than 500 watts per unit, 9 cts. per kw-hr.

Discount for payment before 10th of month:

10% on all amounts up to 50 kw-hr.

20% on all amounts over 50 kw-hr.

Commercial Power.

A fixed charge of \$1.00 per month per h. p. for motors of 1 h. p. and less than 5 h. p., and 80 cts. per month per h. p. for motors of 5 h. p. or more, plus a meter rate of 2 cts. per kw-hr. for all current used.

Discount of 10% for prompt payment.

To retail power consumers using 20 h. p. or more, if the demand charge plus the current exceeds 4 cts. per kw-hr. for the current used in any one month, the demand charge will be canceled and the total bill for the month be figured at 4 cts. per kw-hr. Provided, however, that the minimum bill which any consumer must pay shall not be less than 80 cts. per connected h. p.

Wholesale Power Rate.

The company will sell power under the following rates by contract for one year periods or more, with a minimum charge of \$150.00 per month.

| | cts. |
|----------------------------------|------------------|
| Up to 20% load factor..... | 1.609 per kw-hr. |
| From 20% to 30% load factor..... | 1.475 " " |
| From 30% to 40% load factor..... | 1.341 " " |
| From 40% to 50% load factor..... | 1.207 " " |
| From 50% to 60% load factor..... | 1.100 " " |
| Load factors 60% or over..... | 1.000 " " |

In the event that the consumer desires to change from the wholesale rate to the regular retail power rate, he shall serve a written notice of such election and such change shall be made only at the beginning of a calendar month and when made shall remain in force for a period of not less than one full month.

Heating Rate:

Minimum monthly charge, \$0.50.

Where only electric ranges are used the charge for current is 4 cts. per kw-hr.

Where current is used for heaters, stoves, ranges, tailors' irons, etc., the rate is 5 cts. per kw-hr.

Discount of 10 per cent if bill is paid before the 10th of the month.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

400—40 watt, 110 volt a. c. multiple tungsten lamps, burning all night every night.

Rate \$6.84 per lamp per year.

ORNAMENTAL:

34 posts, 8 posts to block in pairs; 1—100 watt and 4—60 watt tungsten lamps on each post; 100 watt lamps burn all night every night, 60 watt lamps to midnight every night. Rate \$45.60 per post per year. System installed by business men and donated to city. City pays for service and lamp renewals. Utility maintains posts and circuits.

RICHLAND CENTER.

(Population, 2,652.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous, except Sunday forenoon.

Commercial Lighting.

Minimum monthly charge, 50 cts.

First 20 kw-hr. per month 10 cts. per kw-hr.

Next 80 " " " 8 " " "

All over 100 " " " 7 " " "

Consumers outside city limits are charged 11 cts. per kw-hr.

Commercial Power.

Minimum monthly charge, \$0.25 per h. p.

First 200 kw-hr. per month 7 cts. per kw-hr.

Next 200 " " " 6 " " "

All over 400 " " " 4 " " "

A charge of \$1.00 is made for reconnection of service.

Meters are owned by the consumers.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

17—6.6 ampere, a. c. series carbon arc lamps burning on a moonlight midnight schedule.

6—6.6 ampere, a. c. series carbon arc lamps burning on a moonlight all-night schedule.

52—250 c. p. 6.6 ampere, a. c. series gas filled tungsten lamps burning on a moonlight midnight schedule.

6—250 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps burning on a moonlight all-night schedule.

Rate 7 cts. per kw-hr. which includes maintenance.

ORNAMENTAL:

None.

RIO.

(Population, 704.)

RIO ELECTRIC LIGHT PLANT.

Method of generation, steam.

Daily operating period, dusk to 11 p. m. and Saturday to 12 p. m.

Commercial Lighting.**METER RATES:**

Current 15 cts. per kw-hr.

Meter rent, 25 cts. per month if bill amounts to less than \$1.00.

FLAT RATES:

50 cts. per month per 16 c. p. lamp.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

15—500 watt, 120 volt, a. c. multiple tungsten lamps, burning from dusk to midnight on a moonlight schedule.

Rate \$72 per lamp per year.

ORNAMENTAL:

None.

RIPON.

(Population, 3,729.)

RIPON LIGHT & WATER COMPANY.

Method of generation. steam.

Daily operating period, continuous, except noon to dusk Sundays which period is reserved for necessary shut-downs.

Commercial Lighting.

For all lighting service furnished residences and business houses (hereinafter specifically referred to as Classes A, B, C, D, and E), including such incidental use of appliances for heating or power used on lighting circuits and passing through the same meter and measured by a meter or meters owned and installed by the company, a charge of:

Primary Rate 14.4 cts. net or 16 cts. gross per kw-hr. for current used equivalent to or less than the first 60 hours' use per month of active connected load.

Secondary Rate 9 cts. net or 10 cts. gross per kw-hr. for all current used in excess of the above 60 hours' use per month of the active connected load.

ACTIVE CONNECTED LOAD shall in each case be a fixed percentage of the total connected load, consisting of lamps, appliances, etc., installed on the consumers' premises.

Class A includes residences, flats, private rooming houses, public buildings and Ripon College buildings, for all of which 40 per cent of the total connected load shall be considered active.

Class B includes schools, churches and industrial establishments which close not later than 6 p. m., for which class 55 per cent of the total connected load shall be considered active.

Class C includes livery stables, hotels and library buildings, in which class 60 per cent of the total connected load is to be considered active.

Class D includes stores, offices, club rooms, banks, theaters, saloons and depots and all other consumers not herein specifically provided for, for which class 75 per cent of the total connected load shall be considered active.

In *Class E* are included signs, hallways and festoons for street lighting purposes, of which class 100 per cent of the total connected load shall be considered active.

LIMITED HOUR LIGHT RATE:

The limited hour light rate shall apply only to consumers who sign contracts for exclusive use of company's current for a

period of one year or more, and who agree not to use current between the following hours:

Jan. 15 to Feb. 15.....5:30 p. m. to 12 p. m.

Feb. 15 to Nov. 15.....6:00 p. m. to 12 p. m.

Nov. 15 to Jan. 15.....5:00 p. m. to 12 p. m.

Energy Rate. For the first 60 hours' use per month of active connected load, 12 cts. per kw-hr. All over 60 hours' use per month of active connected load, 6 cts. per kw-hr.

MINIMUM BILL. The minimum bill for lighting and incidental power uses as above shall be 75 cts. net per month.

DISCOUNT. The company shall bill all consumers of electricity for commercial lighting and power purposes at the gross rate and shall grant thereon a discount of 10 per cent for prompt payment, that is, if the bill is paid on or before the 10th day of the month following the month during which the bill was incurred.

Commercial Power.

NON-CONTRACT, UNLIMITED HOURS. For the first 60 hours' use per month of active h. p. capacity, 10 cts. per kw-hr.

All over 60 hours' use per month of active h. p. capacity, 5 cts. per kw-hr.

NON-CONTRACT, LIMITED HOURS. For the first 60 hours' use per month of active h. p. capacity, 8 cts. per kw-hr.

All over 60 hours' use per month of active h. p. capacity, 4 cts. per kw-hr.

Active horse power shall consist of a fixed percentage of the nominal rated capacity of the motor or appliances, as indicated on the manufacturer's nameplate.

The following percentage of such capacity shall be deemed active:

Less than 3 h. p.....100 per cent

3 h. p. to 10 h. p. one motor only..... 85 per cent

3 h. p. to 10 h. p. more than 1 motor..... 75 per cent

10 h. p. to 50 h. p. irrespective of No. of motors. 65 per cent

50 h. p. and over, irrespective of No. of motors.. 55 per cent

The limited hour rates shall apply only to those consumers who agree to use power only between the hours shown on the following schedule:

Jan. 15th to Feb. 15th.....6:00 a. m. to 4:30 p. m.

Feb. 15th to March 15th.....6:00 a. m. to 5:00 p. m.

March 15th to April 15th.....6:00 a. m. to 5:30 p. m.

April 15th to Sept. 15th.....6:00 a. m. to 6:00 p. m.

Sept. 15th to Oct. 15th.....6:00 a. m. to 5:30 p. m.

Oct. 15th to Nov. 15th.....6:00 a. m. to 5:00 p. m.

Nov. 15th to Jan. 15th.....6:00 a. m. to 4:00 p. m.

CONTRACT LIMITED HOUR SIGNAL CONSUMERS:

Consumers signing contracts to use electricity exclusively for all their power requirements continuously throughout the year, with a monthly minimum of 500 kw-hr., and to discontinue the use of power upon signal at any time other than that covered by the regular limited hour schedule, shall be entitled to the following rates:

First 30 hours' use per month of active h. p. capacity, 8 cts. per kw-hr.

Next 30 hours' use per month of active h. p. capacity, 6 cts. per kw-hr.

All over 60 hours' use per month of active h. p. capacity, 3 cts. per kw-hr.

LIMITED HOUR NON-SIGNAL CONSUMERS:

Consumers signing ten year contracts to use electricity exclusively for all their power requirements, with a connected load of not

less than 25 h. p. and to conform strictly to the limited hours mentioned in the company's regular schedule shall be entitled to the following rates:

For the first 60 hours' use of active h. p. capacity per month 6 cts. per kw-hr.

For all in excess of 60 hours' use per month of active h. p. capacity 3 cts. per kw-hr.

The provision for furnishing motors at the expense of the company shall not apply to this class of consumers.

Discount.

The above rates shall be subject to a discount of 10 per cent if paid by the 10th of the month following service.

Minimum Rate.

The net minimum rate for power service shall be as follows:

For 4 h. p. or less, nominal rated capacity, \$2.00 per month.

Each h. p. or fraction thereof over 4, rated capacity, 50 cts. per month.

Conditions Under Which Motors Will Be Furnished by the Company:

On contracts for the exclusive use of the company's power for all requirements for a term of 10 years or more, the company will furnish at its own expense an initial installation of standard size type and voltage 3-phase induction motors for the use of the consumer, provided that the total cost of the company's investment shall not exceed the yearly current bill.

Should the yearly current bill fall below the total cost of the company's investment, consumer will be required to pay such an amount on the motors as will leave the company's investment not greater than the actual yearly current bill.

All motors and equipment installed at the expense of the company shall remain the property of the company, subject to removal at their discretion.

The consumer shall keep all motors and equipment belonging to the company insured at their full value in reliable insurance companies during the term of their contract.

The company will maintain such motors in the event of inherent electrical defects, but the consumer shall keep motors mechanically in order, oiled and cleaned and shall be liable for all damage to motors due to improper care or neglect.

The company will not install additional motors during the term of the contract unless the consumer agrees in case the contract is not extended at its termination, to purchase such additional motors from the company at their cost, less a reasonable depreciation. The company shall not be required to furnish motors under this provision at its expense for any use which in its judgment shall subject the said motors to more than a normal depreciation or liability of burn-out.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

122—250 c. p., 6.8 ampere, a. c. series gas filled tungsten lamps burning on a moonlight midnight schedule. Rate \$35 per lamp per year.

12—250 watt, 114 volt a. c. multiple tungsten lamps burning every night until midnight. Rate \$39 per lamp per year.

4—25 watt, 114 volt a. c. multiple tungsten lamps burning every night from midnight to dawn. Rate \$18 per lamp per year.

ORNAMENTAL:

None.

RIVER FALLS.

(Population, 1,991.)

MUNICIPAL PLANT.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

Minimum bill: In places using less than the amount of \$8.00 per annum, a meter rate will be charged of \$1.00 per annum. If the bill is less than \$9.00 but more than \$8.00 the charge will be \$9.00 for the year.

Rate for current: One-half cent per lamp-hour of 55 watt-hours or 9 cts. per kw-hr.

FLAT RATES:

Regular rate for unlimited use, 50 cts. per month for each 16 c. p. incandescent lamp or its equivalent where lamps of different power are used.

Commutation Rates.

On yearly contracts in places of business habitually closing after nine o'clock p. m. and not later than 12 o'clock p. m., 40 cts. per month for each 16 c. p. incandescent lamp or its equivalent where lamps of different power are used upon the express condition, that the bills are payable quarterly in advance and that no rebate is to be given for non-use of the current.

In places of business habitually closing not later than nine o'clock p. m. on yearly contracts, bills payable quarterly in advance, \$4.00 per annum for each 16 c. p. incandescent lamp or its equivalent where lamps of different power are used. No rebate being allowed for non-use of electric current.

Arc Lamps.

For arc lamps of 1200 nominal c. p. \$4.50 per month. For arc lamps of different power a proportionate rate will be charged. All arc lamps to be shut off not later than 12 p. m.

Privilege.

In places of business permission is granted to use one 16 c. p. lamp all night if so placed to allow a convenient inspection of the interior of the room where used.

In places of business if meters are used, a rebate will be allowed from 9 p. m. until 6 a. m. on one 16 c. p. lamp consuming 55 watts. This rebate, however, is to be canceled if the lamp is not left burning each night or a smaller lamp installed instead.

For reconnecting the service after lines have been cut for default of payment or any other abuse of service by the consumer, a charge of \$1.00 will be made.

Commercial Power.**METER RATES:**

4 cts. per kw-hr.

FLAT RATES:

\$30.00 per annum per h. p. rating of motor.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

11—5 ampere, d. c. series magnetite arc lamps burning all night every night.

10—5 ampere, d. c. series magnetite arc lamps burning on a moonlight midnight schedule.

29—5 ampere, d. c. series carbon arc lamps burning on a moonlight midnight schedule. No charge made for street lighting.

ORNAMENTAL:

None.

ROBERTS.

(Population, 375.)

BURKHARDT MILLING & ELECTRIC POWER CO.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month \$1.00 gross, \$0.80 net.

Current 12½ cts. per kw-hr. subject to the following discounts if bill is paid by the first of the month:

| | |
|---------------------------|-----|
| Bills up to 40 kw-hr..... | 20% |
| 40 to 60 kw-hr..... | 25% |
| 60 to 100 kw-hr..... | 30% |
| 100 to 150 kw-hr..... | 35% |
| 150 and over..... | 40% |

Cooking Rate.

Minimum charge per month, 75 cts.

Current, 3 cts. per kw-hr. with a discount of 10% if bill is paid 10 days from date.

Commercial Power.

Minimum charge per month \$1.35 for the first h. p. and \$1.00 for each additional h. p.

Current 5 cts. per kw-hr. subject to the following discounts:

| | |
|-----------------------------------|-----|
| 50 kw-hr. per month per h. p..... | 20% |
| 75 " " " " "..... | 30% |
| 100 " " " " "..... | 40% |
| 150 " " " " "..... | 50% |

Where service has been discontinued a charge of \$1.00 is made for reconnection.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

RURAL SERVICE

Current 10 cts. per kw-hr.

Discounts if bills are paid by the 10th of the month:

| | |
|-----------------------------------|-----|
| Monthly bills up to 40 kw-hr..... | 20% |
| " " 40 to 60 "..... | 25% |
| " " 60 to 100 "..... | 30% |
| " " 100 to 150 "..... | 35% |
| " " 150 kw-hr. or over..... | 40% |

Minimum charge of \$3.13 per month for electric lights and appliances, including one one horse-power motor, and \$1.25 per month for each additional horse power. 20% discount if paid before the 10th of the month.

RATE FOR MOTORS USED FOR SILO FILLERS

30 cts. per h. p. per day.

All motors of 15 h. p. and larger to be three phase.

Customers required to build their own lines to company's power line and furnish all apparatus except meters.

Street Lighting.

GENERAL:

11—100 watt, 110 volt, a. c. multiple tungsten lamps, burning on an all-night moonlight schedule. Rate \$18 per lamp per year.

ORNAMENTAL:

None.

ROCHESTER.

(Population, 100.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For commercial rate schedule see M. L. H. & T. Co., Milwaukee, Part I.)

Street Lighting.

GENERAL:

20—60 c. p., 6.6 ampere, a. c. series tungsten lamps burning all night every night. Rate \$30 per lamp per year.

ORNAMENTAL:

None.

ROCHESTER, TOWN OF

(Racine County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule see M. L. H. & T. Co., Milwaukee, Part III.)

ROME.

(Population, 150.)

BARK RIVER ELECTRIC LIGHT & POWER COMPANY.

Method of generation, hydraulic and gas.

Daily operating period, continuous.

Commercial Lighting.

METER RATES:

Service charge of 25 cts. per month.

First 10 kw-hr. per month 15 cts. per kw-hr.

Next 10 " " " 12 " " "

All over 20 " " " 10 " " "

Discount if bills are paid within 10 days of reading of meter.

5% of the first \$10.

10% of the next \$5.

15% of all in excess of \$15.

FLAT RATES:

50 cts. per month per 60 watt lamp.

90 cts. per month per 2—60 watt lamps.

Commercial Power.

Minimum charge per month of \$1.00 for the first h. p. or fraction thereof, and 50 cts. per h. p. for each additional h. p. or fraction thereof, nominal rated capacity.

First 100 kw-hr. per month 7 cts. per kw-hr.

Next 100 " " " 6 " " "

" 100 " " " 5 " " "

" 300 " " " 4 " " "

All over 600 " " " 3 " " "

Discount of 5% if bills are paid before the 10th of the month.

Charge for disconnecting and reconnecting service after first installation, \$1.00.

Meters are owned by utility.

A charge for material between curb line and meter is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

\$20 per year for 100 watt gas filled tungsten lamps burning every night until midnight.

ORNAMENTAL:

None.

ROSHOLT.

(Population, 383.)

ROSHOLT ELECTRIC LIGHT COMPANY.

Method of generation, water power and steam.

Daily operating period, sunset to 11 p. m., Saturday to 12 midnight; 5 a. m. to daylight.

Commercial Lighting.

Current 10 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

12—60 watt, 110 volt d. c. multiple tungsten lamps burning on a dusk to 11 p. m. moonlight, 5 a. m. to daylight schedule.
Rate \$18 per lamp per year.

ORNAMENTAL:

None.

ROTHSCHILD.

(Population, —.)

WISCONSIN VALLEY ELECTRIC COMPANY.

(For commercial rate schedule see Wausau.)

Street Lighting.

None.

RUSK.

(Population, 100.)

WISCONSIN-MINNESOTA LIGHT & POWER COMPANY.

Method of generation, hydraulic and transmission.

Daily operating period, continuous.

Commercial Lighting.

(See Alma Center for lighting schedule.)

Commercial Power.

First 50 hours' use of maximum demand, 6 cts. per kw-hr.; excess 3 cts. per kw-hr.

Maximum demand is rated capacity of motors.

Minimum monthly bill:

Installation of one h. p. or less \$1.00.

Installation of over one h. p. \$0.75 per h. p.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

None.

25—E. R.

ST. CROIX FALLS.

(Population, 569.)

ST. CROIX FALLS WISCONSIN IMPROVEMENT CO.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly charge, \$1.00.

Current 11.1 cts. per kw-hr.

Discount 10% if bills are paid within 10 days from their date.

Free lamp renewals.

Company has right to require deposit of double monthly bill to secure performance of contract.

Commercial Power.

Minimum charge, \$1.00 per h. p.

7½ cts. per kw-hr. for the first 52 hours' use per month of maximum demand.

2 cts. per kw-hr. for excess.

| | | |
|--------------------------------|---------------|-----|
| Discount on monthly bills from | \$50 to \$100 | 5% |
| " " " " | 100 " 150 | 10% |
| " " " " | 150 " 200 | 15% |
| " " " " | 200 " 250 | 20% |
| " " " " | 250 and over | 25% |

In addition to the above a discount of 10% is allowed if bills are paid on or before 10 days after their date.

2300 VOLT ALTERNATING CURRENT POWER RATE ADVANTAGEOUS FOR LARGE POWER USERS.**Demand Charge:**

Per kw. of first 500 kw. per year.....\$18.00

Per kw. above 500 kw. per year..... 15.00

Energy Charge:

Per kw-hr. of first 100,000 per month..... .7 cts

Per kw-hr. above 100,000 per month..... .5 cts.

Prompt payment discount, 5%.

Demand Charge is an annual charge payable in monthly installments whether or not any energy is used. The monthly demand charge will be based on the consumer's measured monthly maximum demand, which shall be determined as the maximum rate at which energy is used in any period of thirty consecutive minutes during such month, but the consumer shall have the privilege of varying the requirements monthly, and charges shall be based accordingly, provided, however, that the bills shall at no time be based upon a demand of less than 50% of the highest demand previously registered throughout the contract period.

Minimum Demand Charge shall be computed on a maximum demand which in no month shall be less than 75 kw. (100 h. p.)

Voltage: Current is measured and delivered to the consumer at approximately 2,300 volts. If any other pressure is desired the necessary transformers for raising or lowering the voltage shall be furnished by the consumer.

Metering: A recording watt-meter and a demand meter will be installed on the premises of each consumer and all bills will be based on the records of these instruments.

Term: This schedule of low power rates is based on the sale of alternating current in large quantities for power purposes on a

long term contract (ten years), and is advantageous for large users with high load factors.

Above rates apply to all consumers located on the established
wholesale alternating current circuits of the company.

SPECIAL CONTRACT WITH TRAP ROCK COMPANY.

| | | | |
|---|-------|------|------------|
| Up to 20 per cent load factor..... | 1.609 | cts. | per kw-hr. |
| From 20 per cent to 30 per cent load factor.... | 1.475 | " | " |
| " 30 " 40 " | 1.341 | " | " |
| " 40 " 50 " | 1.207 | " | " |
| " 50 " 60 " | 1.100 | " | " |
| For load factor 60 per cent or over..... | 1.000 | " | " |

The "Maximum Demand" shall be determined as the maximum rate at which energy is used for any period of fifteen consecutive minutes. The term "load factor" as used herein shall be construed, as applied to the rates, to mean the ratio the actual number of kw-hr. used in any one month bears to the maximum kw-hr. which maximum is obtained by multiplying the total number of hours in that particular month by the highest kw. demand recorded by the demand meters in said month.

Minimum monthly charge of \$200.00 for a maximum demand of 75 kw. or less and in addition thereto \$1.34 for each kw. or fraction thereof of demand in excess of the first 75 kw. The minimum charge shall be computed on a maximum demand which, in any one year, shall not be considered less than 50% of the highest demand recorded in the previous twelve months.

CITY PUMPING.

Special contract with the village of St. Croix Falls for pumping water, at the rate of 5 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

4—5.5 ampere a. c. series carbon arc lamps burning all night every night. Rate \$72 per lamp per year.

101—32 c. p., 6.6 ampere a. c. series tungsten lamps burning all night every night. Rate \$17.50 per lamp per year.

ORNAMENTAL:

None.

ST. FRANCIS.

(Population, 800.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For commercial rate schedule, see M. L. H. & T. Co., Milwaukee, Part I.)

Street Lighting.

None.

ST. MARTINS.

(Population, 175.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For commercial rate schedule, see M. L. H. & T. Co., Milwaukee, Part I.)

Street Lighting.

None.

ST. NAZIANZ.

(Population, —.)

OSLO POWER & LIGHT COMPANY.

(For commercial rate schedule see Valders.)

Street Lighting.**GENERAL:**

9—100 watt, 115 volt a. c. multiple tungsten lamps. System installed by business men and they pay for service at the regular lighting rate. Period of operation controlled by business men.

ORNAMENTAL:

None.

SALEM.

(Population, 325.)

CAREY ELECTRICAL & MILLING CO.

(For commercial rate schedule, see Wilmot.)

Street Lighting.

None.

SAUK CITY.

(Population, 867.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month \$0.50.

| | | | | | | | | | |
|----------|---------------------|---|--|--|--|--|--|--|--|
| First | 20 kw-hr. per month | 10 cts. net or 11 cts. gross per kw-hr. | | | | | | | |
| Next | 30 " " " | 9 " " 10 " " " | | | | | | | |
| " | 50 " " " | 8 " " 9 " " " | | | | | | | |
| All over | 100 " " " | 7 " " 8 " " " | | | | | | | |

The difference between the net and gross rates constitutes a discount if bill is paid before the 15th of the month.

Cooking Rate.

| | | | | | |
|----------|---------------------|-------------------|--|--|--|
| First | 20 kw-hr. per month | 6 cts. per kw-hr. | | | |
| Next | 30 " " " | 5 " " " | | | |
| All over | 50 " " " | 4 " " " | | | |

Minimum charge per month \$1.00.

Commercial Power.

| | | | | | |
|---|---------------------|-------------------|--|--|--|
| Service charge 25 cts. per h. p. per month. | | | | | |
| First | 50 kw-hr. per month | 6 cts. per kw-hr. | | | |
| Next | 150 " " " | 5 " " " | | | |
| " | 300 " " " | 4 " " " | | | |
| All over | 500 " " " | 3 " " " | | | |

A charge of 50 cts. is made for reconnecting the same consumer upon the same premises within one year.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

10—600 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning from dusk to midnight, about 1825 hours per year.

79—80 c. p., 6.6 ampere, a. c. series, gas filled tungsten lamps, burning from dusk to midnight, about 1825 hours per year.

Total charge for above street lighting \$1,200 per year.

ORNAMENTAL:

None.

SCANDINAVIA.

(Population, 355.)

W. A. PROCTOR ELECTRIC LIGHT & POWER COMPANY.

Method of generation, water power.

Daily operating period, dusk to 12 p. m. and in winter from 5 a. m. to daylight.

Commercial Lighting.

Current 10 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

No data.

SCHLEISINGERVILLE.

(Population, 538.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

First 50 kw-hr. per month 11 cts. gross and 10 cts. net.

Next 50 " " " 10 " " 9 " "

All over 100 " " " 9 " " 8 " "

Minimum annual charge \$12.00.

Commercial Power.

First 143 kw-hr. per month 8 cts. gross and 7 cts. net.

Next 143 " " " 7½ " " 6½ " "

All over 286 " " " 6 " " 5 " "

Minimum monthly charge of \$1.50.

Discount allowed up to the 15th of the month.

Meters disconnected if bills are not paid by the 15th of the month.

Charge of \$2.00 made for reconnection.

Meters are owned by the utility.

A charge of \$2.00 is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

22—100 watt, 220 volt a. c. multiple tungsten lamps burning on a moonlight midnight schedule. Rate \$18.18 per lamp per year.

ORNAMENTAL:

None.

SCHOFIELD.

(Population, 889.)

WISCONSIN VALLEY ELECTRIC COMPANY.

(For commercial rate schedule see Wausau.)

Street Lighting.

GENERAL:

23—100 c. p., 6.6 ampere, a. c., series, gas filled tungsten lamps, burning upon an all-night every-night schedule. Rate \$28.80 per lamp per year.

ORNAMENTAL:

None.

SEYMOUR.

(Population, 1,109.)

SEYMOUR ELECTRIC CO.

Method of generation, steam.

Daily operating period, dusk to midnight, 5 a. m. to daylight.

Commercial Lighting.**METER RATES:**

| | | |
|--------------------------------------|-----|-----------------|
| From 1 to 5 kw-hr..... | 16 | cts. per kw-hr. |
| From 5 to 20 " | 15 | " " " |
| From 20 to 50 " | 12½ | " " " |
| From 50 to 100 " | 10 | " " " |
| From 100 to 200 " | 8 | " " " |
| All peak load not exceeding 1 hour.. | 16 | " " " |

Meter rent, 25 cts. per month.

FLAT RATES:

16 c. p. incandescent, 50 cts. per month.

Commercial arcs, \$48 per year for interior lighting, dusk to midnight.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

16—500 watt, 115 volt a. c. multiple gas filled tungsten lamps burning all night every night. Rate \$65 per lamp per year.

1—100 watt, 115 volt a. c. multiple gas filled tungsten lamps burning all night every night. Rate \$25 per lamp per year.

21—60 watt, 115 volt a. c. multiple tungsten lamps burning all night every night. Rate \$22 per lamp per year.

ORNAMENTAL:

None.

SHARON.

(Population, 879.)

SOUTHERN WISCONSIN ELECTRIC CO.

Method of generation, steam and hydraulic.

Daily operating period, continuous.

PART I**Commercial Lighting.***Primary*—15 cts. net, 16 cts. gross per kw-hr. for the first 30 hours' use per month of active load.*Secondary*—13 cts. net, 14 cts. gross per kw-hr. for the next 60 hours' use per month of active load.*Excess*—7 cts. net, 8 cts. gross per kw-hr. for all in excess of 90 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

Class A shall include residences, dwellings, flats, rooming houses, hotels, sanitariums, hospitals, Y. M. C. A., and clubs in which meals and rooms are furnished. In this class 60 per cent of the first 500 watts connected, and 33⅓ per cent of all in excess of 500 watts connected shall be deemed active if the connected load is equivalent to 50 watts or more per opening. If the connected load is equivalent to less than 50 watts per opening, 60 per cent of the first 500 watts connected, 33⅓ per cent of the next 1500

watts connected, and 20 per cent of all in excess of 2,000 watts connected shall be deemed active.

Class B shall include banks, offices, stores, shops, saloons, billiard and pool halls, depots, theaters, lodge rooms, and clubs not includable in Class A. In this class 70 per cent of the first 2.5 kw. connected and 55 per cent of all in excess of 2.5 kw. connected shall be deemed active.

Class C shall include public buildings, schools, churches, factories, warehouses, stables, and garages. In this class, 55 per cent of the total connected load shall be deemed active. For all lighting installations exceeding 5 kw. connected load, the active load shall, at the consumers' option, be determined by maximum demand meters. The connected load shall be represented by the total wattage of lamps connected.

Minimum Charge:

| | |
|-------------------------------------|------------------|
| Under 1 kw. connected load..... | \$0.60 per month |
| From 1 to 2 kw. connected load..... | .80 per month |
| From 2 to 5 kw. connected load..... | 1.25 per month |
| Over 5 kw. connected load..... | 2.25 per month |

FLAT RATE SERVICE

For window lighting, sign lighting and other lighting on company's patrol service or controlled by time switch set by the company:
1½ cts. per month per watt connected less 10 per cent discount if bills are paid within 10 days after date of billing.

Commercial Power.

Primary—7½ cts. net, 8½ cts. gross per kw-hr. for the first 15 hours' use per month of active load.

Secondary—5½ cts. net, 6½ cts. gross per kw-hr. for the next 30 hours' use per month of active load.

Excess—3 cts. net, 4 cts. gross per kw-hr for all in excess of 45 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

| | |
|---|--|
| 90 per cent of the first 10 h. p. installed shall be deemed active. | |
| 75 " " " next 20 " " " " " " | |
| 60 " " " next 30 " " " " " " | |
| 50 " " " over 60 " " " " " " | |

Minimum Charge: 75 cts. per month for the first h. p. connected and 25 cts per month for each additional h. p. connected.

For power used during off-peak hours and measured on the primary side of the power transformers, or if primary motors are used, installation to be 50 h. p. or above; regular power rate with 4 cts. per kw-hr. maximum price guarantee.

Cooking and Heating.

Primary—10 cts. net, 10½ cts. gross per kw-hr. for the first 10 kw-hr. used per month.

Secondary—2½ cts. net, 3 cts. gross per kw-hr. for all over 10 kw-hr. used per month.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Minimum Charge: \$24.00 per year up to and including 6 kw. of aggregate connected load.

\$4.00 per year for each additional kw. of aggregate connected load.

SEYMOUR.

(Population, 1,109.)

SEYMOUR ELECTRIC CO.

Method of generation, steam.

Daily operating period, dusk to midnight, 5 a. m. to daylight.

Commercial Lighting.**METER RATES:**

| | | |
|--------------------------------------|-----|-----------------|
| From 1 to 5 kw-hr..... | 16 | cts. per kw-hr. |
| From 5 to 20 " | 15 | " " " |
| From 20 to 50 " | 12½ | " " " |
| From 50 to 100 " | 10 | " " " |
| From 100 to 200 " | 8 | " " " |
| All peak load not exceeding 1 hour.. | 16 | " " " |

Meter rent, 25 cts. per month.

FLAT RATES:

16 c. p. incandescent, 50 cts. per month.

Commercial arcs, \$48 per year for interior lighting, dusk to midnight.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

16—500 watt, 115 volt a. c. multiple gas filled tungsten lamps burning all night every night. Rate \$65 per lamp per year.

1—100 watt, 115 volt a. c. multiple gas filled tungsten lamps burning all night every night. Rate \$25 per lamp per year.

21—60 watt, 115 volt a. c. multiple tungsten lamps burning all night every night. Rate \$22 per lamp per year.

ORNAMENTAL:

None.

SHARON.

(Population, 879.)

SOUTHERN WISCONSIN ELECTRIC CO.

Method of generation, steam and hydraulic.

Daily operating period, continuous.

PART I**Commercial Lighting.***Primary*—15 cts. net, 16 cts. gross per kw-hr. for the first 30 hours' use per month of active load.*Secondary*—13 cts. net, 14 cts. gross per kw-hr. for the next 60 hours' use per month of active load.*Excess*—7 cts. net, 8 cts. gross per kw-hr. for all in excess of 90 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

Class A shall include residences, dwellings, flats, rooming houses, hotels, sanitariums, hospitals, Y. M. C. A., and clubs in which meals and rooms are furnished. In this class 60 per cent of the first 500 watts connected, and 33⅓ per cent of all in excess of 500 watts connected shall be deemed active if the connected load is equivalent to 50 watts or more per opening. If the connected load is equivalent to less than 50 watts per opening, 60 per cent of the first 500 watts connected, 33⅓ per cent of the next 1500

watts connected, and 20 per cent of all in excess of 2,000 watts connected shall be deemed active.

Class B shall include banks, offices, stores, shops, saloons, billiard and pool halls, depots, theaters, lodge rooms, and clubs not includable in Class A. In this class 70 per cent of the first 2.5 kw. connected and 55 per cent of all in excess of 2.5 kw. connected shall be deemed active.

Class C shall include public buildings, schools, churches, factories, warehouses, stables, and garages. In this class, 55 per cent of the total connected load shall be deemed active. For all lighting installations exceeding 5 kw. connected load, the active load shall, at the consumers' option, be determined by maximum demand meters. The connected load shall be represented by the total wattage of lamps connected.

Minimum Charge:

| | |
|-------------------------------------|------------------|
| Under 1 kw. connected load..... | \$0.60 per month |
| From 1 to 2 kw. connected load..... | .80 per month |
| From 2 to 5 kw. connected load..... | 1.25 per month |
| Over 5 kw. connected load..... | 2.25 per month |

FLAT RATE SERVICE

For window lighting, sign lighting and other lighting on company's patrol service or controlled by time switch set by the company:

1½ cts. per month per watt connected less 10 per cent discount if bills are paid within 10 days after date of billing.

Commercial Power.

Primary—7½ cts. net, 8½ cts. gross per kw-hr. for the first 15 hours' use per month of active load.

Secondary—5½ cts. net, 6½ cts. gross per kw-hr. for the next 30 hours' use per month of active load.

Excess—3 cts. net, 4 cts. gross per kw-hr for all in excess of 45 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

| | |
|---|--|
| 90 per cent of the first 10 h. p. installed shall be deemed active. | |
| 75 " " " next 20 " " " " " " | |
| 60 " " " next 30 " " " " " " | |
| 50 " " " over 60 " " " " " " | |

Minimum Charge: 75 cts. per month for the first h. p. connected and 25 cts per month for each additional h. p. connected.

For power used during off-peak hours and measured on the primary side of the power transformers, or if primary motors are used, installation to be 50 h. p. or above; regular power rate with 4 cts. per kw-hr. maximum price guarantee.

Cooking and Heating.

Primary—10 cts. net, 10½ cts. gross per kw-hr. for the first 10 kw-hr. used per month.

Secondary—2½ cts. net, 3 cts. gross per kw-hr. for all over 10 kw-hr. used per month.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Minimum Charge: \$24.00 per year up to and including 6 kw. of aggregate connected load.

\$4.00 per year for each additional kw. of aggregate connected load.

City Pumping.

For off-peak service regular rate with 4 cts. kw-hr. maximum price guarantee.

Wholesale Light and Power.

Primary Charge—\$2.40 per month per kw. of maximum demand up to and including 50 kw.

\$2.00 per month per kw. of maximum demand over 50 kw.

Secondary Charge—5 cts. per kw-hr. for the first 1,000 kw-hr. used per month.

3 cts. per kw-hr. for the next 4,000 kw-hr. used per month.

1.1 " " " " " 25,000 " " " "

0.9 " " " " " 30,000 " " " "

The company shall have the right at any time to require the customer to make a reasonable deposit in advance to secure the prompt payment of bills, such deposit if requested by the customer to bear interest as provided in receipt issued by the company.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

PART II

Rates for all year service outside village limits. (See Part II of Delavan schedule.)

PART III

Rates for summer service. (See Part III of Delavan schedule.)

Street Lighting.**GENERAL:**

40—60 c. p., 6.6 ampere, a. c. series, gas filled tungsten lamps, burning every night from dusk to midnight. Rate \$16 per lamp per year.

ORNAMENTAL:

None.

SHAWANO.

(Population, 2,923.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per year \$12.

First 50 kw-hr. per month 10 cts. per kw-hr.

All over 50 " " " 8 " " "

Discount of 5% if bill is paid by the 10th of the month.

Commercial Power.

Minimum annual charge:

Motors up to 5 h. p. \$9 per h. p.

Motors over 5 h. p. \$6 per h. p.

First 50 kw-hr. per month 7 cts per kw-hr.

Next 50 " " " 6 " " "

" 50 " " " 5 " " "

" 50 " " " 4 " " "

All over 200 " " " 3 " " "

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

- 22—6.6 ampere, a. c. series carbon arc lamps burning on an all night moonlight schedule. Rate \$60 per lamp per year.
- 32—400 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps burning on an all-night moonlight schedule. Rate \$60 per lamp per year.
- 8—400 c. p., 15 ampere a. c. series gas filled tungsten lamps burning on an all-night moonlight schedule. Rate \$60 per lamp per year.

ORNAMENTAL:

None.

SHEBOYGAN.

(Population, 26,398.)

SHEBOYGAN RAILWAY & ELECTRIC COMPANY.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

REGULAR RATE—All current consumed billed at 15 cts. per kw-hr. with the following discounts to apply when bills are paid within the specified discount period.

| | | | |
|--------------------|---------------------|-----|-------------------------------------|
| Bills amounting to | \$2.00 or less..... | 20% | discount. |
| " | " | " | 2.00 to \$5.00....25% |
| " | " | " | 5.00 to 10.00....33 $\frac{1}{3}$ % |
| " | " | " | 10.00 or more....40% |

Minimum net charge \$1.00 per month for each meter connected.

ECONOMY RATE (Optional)—The economy rate is based on a demand charge plus a charge for energy consumed.

Demand Charge—10 cts. per month for each 50 watts for the first 500 watts connected. 5 cts. per month for each 50 watts of the connected load over 500 watts. Installations carrying demand charges greater than \$2.50 per month on the above basis of computation will be entitled, at their option, to demand charge based on maximum demand requirements as shown by suitable meter readings during 15 continuous minutes, at \$1.00 per month for each kw. of the maximum demand, as shown by the meter readings.

The following shall be deemed inactive and not counted when figuring demand charge.

- (a) The first 600 watts of each ordinary household device for heating or power.
- (b) Lamps in attic, basement, bathroom, closets, porch, vestibule, back hall, pilot, exit, portable and desk fixtures and electric signs.

The demand charge will be eliminated on installations where the monthly consumption is equivalent to 120 hours' use of the maximum demand.

Energy Charge:

First 1500 kw-hr. at 6 cts. per kw-hr.

Next 1500 " " 5 " " "

" 2000 " " 4 " " "

Over 5000 " " 3 " " "

Bills subject to 5 per cent discount if paid within the specified discount period.

Minimum net charge \$1.00 per month for each meter connected.

This service furnished only under contract for one year.

MAXIMUM CHARGE—The total combined charge for demand and energy shall not exceed 12 cts. net per kw-hr. providing this rate does

not bring the net amount below the minimum charge of \$1.00 per month.

SIGN LIGHTING—Current for sign or decorative lighting will be furnished at the flat rate of one cent per month for each watt connected, lamps to burn only between the hours from 6:00 p. m. until 11:00 p. m., billed with 5 per cent added if not paid within the specified discount period.

Installations under this rate do not receive free lamp renewals from the company.

Control switches must be accessible to employes of the company for turning on and off. Installations where employes of the company cannot turn the lights on or off, must be controlled by reliable time clock switches, set for the above hours of operation.

Minimum net charge \$1.00 per month for each installation connected.

FLAT RATES FOR LIGHTING—REGULAR (unlimited)—Customers may purchase alternating current for lighting by means of an excess indicator which will allow the use of 75 watts, and for which a net charge of \$1.00 a month will be made.

This service is furnished only under contract for 1 year. Bills will be subject to 5% additional charge if not paid within the specified discount period.

Installations under this rate do not receive free lamp renewals from the company.

Commercial Power.

REGULAR (UNLIMITED)—

| | | |
|--|----|-----------------|
| First 10 kw-hr. of the maximum demand..... | 10 | cts. per kw-hr. |
| Balance of first 5000 kw-hr..... | 3 | " " " |
| Next 5000 kw-hr..... | 2 | " " " |
| Next 5000 kw-hr..... | 1½ | " " " |
| All over 15000 kw-hr..... | 1 | " " " |

5 per cent discount allowed if bills are paid within the specified discount period.

The maximum demand of each installation will be determined by measurements with suitable instruments of the maximum demand through any continuous 15 minutes of active, normal operation.

Minimum charge \$12.00 per year per kw., or fraction thereof of the maximum demand.

LIMITED—Power installations where the use of power is eliminated during the following hours of peak load, will be billed at 5 cts. for the first 10 kw-hr. of the maximum demand. Balance as quoted above.

| Month | Hours during which service shall not be used. |
|----------------|---|
| October | 5:30 p. m. to 7:00 p. m. |
| November | 5:00 p. m. to 7:00 p. m. |
| December | 4:30 p. m. to 7:00 p. m. |
| January | 4:40 p. m. to 7:00 p. m. |
| February | 5:20 p. m. to 7:00 p. m. |
| March | 6:00 p. m. to 7:00 p. m. |

Minimum charge \$6.00 per year per kw. or fraction of kw. of the maximum demand.

POWER & LIGHTS—Installations, with not less than 15 kw. maximum demand, requiring current for both power and lighting may secure the entire service through one power meter at power rates, providing the lighting requirements do not exceed 20 per cent of the entire requirements.

600 Volt Direct Current Power.

SHEBOYGAN—The rates for direct current power service in the city of Sheboygan will, in all cases, be the same as the rates in effect for alternating current power service. No new customers will be accepted.

RURAL—The company will furnish 600 volt direct-current power outside the city of Sheboygan at a net rate of 3 cts. per kw-hr.; the minimum charge to be 50 cts. per month per h. p. of the connected load.

SERVICE—This service is given without guarantee as to continuity or uniformity and all service lines from the company's feeders must be installed by the customer. This service will be furnished under yearly contracts only, except that where special power requirements are made, a service charge based upon the cost of making the connections and disconnections will be added.

APPLICATIONS—The company requires applications for electric service to be properly filled out and signed before connection is made.

BILLS—Bills are payable monthly with 5 per cent added if not paid within the specified discount period.

Rates for X-Ray Machines.

Power will be furnished for the operation of X-Ray machines at a flat charge of 30 cts. per month per kw. of the maximum transformer demand. Terms, net cash. No discount.

Applications for service must be accompanied, if required by the company, with an amount of money equal to the estimated amount of bills, for two months. This amount will be held, at the option of the company, while the applicant retains connection with the lines of the company, and will be returned plus interest at 5 per cent per annum, whenever the applicant discontinues the service or establishes satisfactory credit.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Rural Lighting and Power Rates.

LIGHTING—The company will furnish high tension current for lighting to persons living adjacent to the high tension line at the same rates and terms as given in the city of Sheboygan.

To install this service the company will charge for the service lines and will in addition require the applicant to pay for suitable transformers and protective devices as may be required.

POWER—The company will furnish high tension alternating current for power at the same rates and terms as apply for power in the city of Sheboygan. To install this service the company will require the applicant to pay all charges for service lines, transformers and protective devices required.

WHOLESALE—The company will furnish high tension current (wholesale) for lighting and power use, to municipalities or private companies or corporations, for resale, at the regular power rates which apply in the city of Sheboygan. The applicant will furnish and install, subject to supervision of the company, all service lines, transformers and devices for safety or regulation, and the meter will be installed at the point where the service lines tap the high tension line.

NOTE—The above rates for lighting and power outside the city of Sheboygan cannot apply in municipalities, except to the municipality, and cannot apply in such territory as may be covered by contract with companies or corporations buying current at wholesale for resale.

Street Lighting.**GENERAL:**

254—600 c. p., 7.5 and 20 ampere, a. c. series gas filled tungsten lamps burning all night every night. Rate \$68 per lamp per year.

ORNAMENTAL:

112 posts, 12 posts to block in pairs; 1—400 c. p. gas filled tungsten lamp on each post; 93 lamps burn from dusk to 11:30 and 12 p. m., rate \$37.50 per lamp per year; 19 lamps burn all night every night, rate \$55 per lamp per year. System installed by abutting property owners. City pays for service. Rates include cost of maintenance.

SHEBOYGAN FALLS.

(Population, 1,630.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

Current, 15 cts. per kw-hr.

Discount as follows if paid by the 10th of the month:

| | |
|------------------------------------|------|
| Less than \$5.00..... | 10% |
| \$5.00 and less than \$7.50..... | 15% |
| \$7.50 and less than \$10.00..... | 20% |
| \$10.00 and less than \$12.50..... | 25% |
| \$12.50 and less than \$40.00..... | 33½% |
| \$40.00 and less than \$60.00..... | 40% |
| \$60.00 and over..... | 50% |

Commercial Power.

Minimum charge per month \$1.00.

10 cts. for the first 10 kw-hr. per h. p. of connected load.

6 cts. per kw-hr. for balance.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

29—6.6 ampere, d. c. series carbon arc lamps burning every night from dusk to 1 a. m. Rate \$45 per lamp per year.

ORNAMENTAL:

None.

SHELL LAKE.

(Population, 902.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, dusk to daylight; Wednesday 7 a. m. to 11 a. m.

Commercial Lighting.

Current, 10 cts. per kw-hr. If 500 kw-hr. or more are used per year, the rate is 8 cts. per kw-hr.

Meters are owned by the consumers.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

3—500 watt and 28—60 watt, 110 volt, a. c. multiple tungsten lamps burning 2190 hours per year. No charge.

ORNAMENTAL:

None.

SHULLSBURG.

(Population, 1,063.)

INTERSTATE LIGHT & POWER COMPANY.

(For rate schedule see Platteville.)

Street Lighting.**GENERAL:**

66—40 c. p., 4 ampere, a. c. series, gas filled tungsten lamps, burning upon an all-night moonlight schedule. Rate \$28 per lamp per year.

ORNAMENTAL:

None.

SILVER LAKE.

(Population, 350.)

CAREY ELECTRICAL & MILLING COMPANY.

(For commercial rate schedule see Wilmot.)

Street Lighting.

None.

SOLDIERS GROVE.

(Population, 667.)

SOLDIERS GROVE ELECTRIC CO.

Method of generation, hydraulic and steam.

Daily operating period, dusk to 11 p. m. and 5:30 a. m. to daylight.

Commercial Lighting.**Residences:**

1—25 watt lamp, \$0.50 per month.

2—25 watt lamps, 0.80 " "

3—25 watt lamps, 1.00 " "

Each additional 25 watt lamp, \$0.30 per month.

Business Places:

1—25 watt lamp, \$0.50 per month.

2—25 watt lamps, 0.85 " "

3—25 watt lamps, 1.05 " "

Each additional 25 watt lamp, \$0.35 per month.

To any consumer using 20 or more 25 watt lamps the rate is \$0.25 per lamp per month. All lamps are furnished free.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

50—60 watt, 110 volt, d. c. multiple tungsten lamps burning every night until midnight. Rate \$12 per lamp per year.

ORNAMENTAL:

None.

SOMERSET.

(Population, 275.)

APPLE RIVER POWER CO.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.

For store and residence lighting 11 cts. per kw-hr., with a discount of 1 ct. per kw-hr., provided all bills are paid on or before the 10th of the month following that in which current was consumed.

At the option of the company, the company may demand at any time from the consumer a deposit to secure the payment of bills. If bill is not paid by the 15th of the month the company may, at its option, discontinue service without further notice.

Commercial Power.

Power will be furnished by the company along its secondary lines for single phase motors not to exceed $7\frac{1}{2}$ h. p., 220 volts, or three phase, 60 cycle, alternating current for motors above 1 h. p. Power to be furnished at the following rates, which are based on the hours' use per day of the connected load per month of 26 days, and, if it is found that the load will be of such character that it will average more than ten hours per day, for each month, special rates will be filed.

Rates are as follows:

| | |
|---|------------------|
| 1 hr. service per day per month of 26 days, | \$2.25 per h. p. |
| 2 " " " " " | 2.75 " " |
| 3 " " " " " | 3.20 " " |
| 4 " " " " " | 3.50 " " |
| 5 " " " " " | 3.90 " " |
| 6 " " " " " | 4.10 " " |
| 7 " " " " " | 4.40 " " |
| 8 " " " " " | 4.65 " " |
| 9 " " " " " | 5.25 " " |
| 10 " " " " " | 5.60 " " |

From the above rates per h. p. hour, the consumer will be allowed to deduct a discount of 10% provided all bills are paid on or before the 10th of the month following that in which the current was consumed.

When the current used and registered by the meter or meters at the above rates is less in value than the following amounts, minimum bills will be rendered for said amounts in consideration of the customer's use of the company's machinery, which must be held in reserve by the company to meet the customer's demands:

\$3.00 per month net for 1 h. p.

\$2.00 per month net per h. p. of connected load of 2 and less than 5 h. p.

\$1.50 per month net per h. p. of connected load of 5 and less than 10 h. p.

\$1.00 per month net per h. p. of connected load of 10 and over.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

9—60 watt, 112 volt, a. c. multiple tungsten lamps burning all night every night. Rate \$26 per lamp per year.

ORNAMENTAL:

None.

SOMMERS, TOWN OF

(Kenosha County.)

WISCONSIN GAS & ELECTRIC CO.

(See rural rate schedule for Town of Geneva.)

Street Lighting.

None.

SOMMERS, TOWN OF

(Kenosha County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule, see M. L. H. & T. Co., Milwaukee, Part III.)

SOUTH MILWAUKEE.

(Population, 6,092.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For commercial rate schedule see M. L. H. & T. Co., Milwaukee, Part I.)

Street Lighting.**GENERAL:**

80—4 ampere d. c. series magnetite arc lamps burning all night every night. Rate \$75 per lamp per year.

ORNAMENTAL:

None.

SOUTH WAYNE.

(Population, 475.)

MUNICIPAL PLANT.

Method of generation, gasoline.

Daily operating period, dusk to 10:30 p. m. except Saturday nights to 11 p. m.

Commercial Lighting.*METER RATES:**

Current, 10 cts. per kw-hr.

FLAT RATES:

One lamp, any size, 75 cts. per month.

1—8 c. p. and 1—16 c. p. \$1.00 per month.

1 " 2 " 1.20 "

1 " 3 " 1.30 "

1 " 4 " 1.40 "

2 " 1 " 1.00 "

3 " 1 " 1.15 "

1 " 1 32 c. p. 1.00 "

1 " 2 " 1.40 "

1 " 1 " 1.00 "

1 " 2 " 1.40 "

2 " 2 " 1.60 "

2 " 2 " 1.50 "

4 " 2 " 1.50 "

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

27—60 watt, 220 volt, d. c. multiple tungsten lamps, burning from dusk until 10:30 every night except Saturday night, when lamps burn until 11 p. m. No charge.

ORNAMENTAL:

None.

* Matter of rates pending before the Commission.

SPARTA.

(Population, 3,973.)

O. I. NEWTON'S SONS COMPANY.

Method of generation, steam and hydraulic.

Daily operating period, continuous.

Commercial Lighting.

Minimum bill, 75 cts. per month.

Primary: 12 cts. net, or 13 cts. gross, for the first 30 hours' use per month of the active connected load.*Secondary:* 7 cts. net, or 8 cts. gross, for the next 60 hours' use per month of the active connected load.*Excess:* 3 cts. net, or 4 cts. gross, for all over 90 hours' use per month of the active connected load.

The active load shall in each case be a fixed percentage of the total connected load of lamps installed on the premises, excluding appliances.

Class A shall consist of residences, dwellings, flats, and private rooming houses, 60 per cent of the first 500 watts and 33½ per cent of all over 500 watts connected for these consumers shall be deemed active.*Class B* shall consist of all consumers not enumerated in classes A and C. In this class 70 per cent of the first 2.5 kw. and 55 per cent of all additional connected load shall be deemed active.*Class C* shall consist of public and parochial schools, churches, hotels, hospitals, public buildings, garages, barns and stables, warehouses, laundries, blacksmith shops, and small industrial establishments. In this class 55 per cent of the connected load shall be deemed active.**Commercial Power.**

Minimum bill \$1.00 per month for the first 2 h. p. or fraction thereof, and 50 cts. per month for each additional h. p. of nominal rated capacity.

Primary: 8 cts. net or 9 cts. gross, for the first 15 hours' use per month of the active connected load.*Secondary:* 5 cts. net or 6 cts. gross for the next 30 hours' use per month of active connected load.*Excess:* 2.5 cts. net, or 3.5 cts. gross for all over 45 hours' use per month of active connected load.

The active load shall be determined as follows:

First 10 h. p. 90 per cent

Next 20 h. p. 75 per cent

Next 30 h. p. 60 per cent

All over 60 h. p. 50 per cent

Except, however, if the active load so determined exceeds the possible load, the total possible load in h. p. shall be deemed to be the active load.

RAILWAY SIGNAL SERVICE.

3 cts. per kw-hr. for all energy used.

Discount:

The difference between the gross and net rates shall constitute a discount for payment of bills on or before the 10th day of the month following the month in which service was rendered.

Company may require a deposit to secure payment of bills.

In default of payment of bill within 15 days after presentation, current may be stopped and the meter removed, and if re-

moved for nonpayment of bill a charge of \$1.00 will be made for resetting meter.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

83—4 ampere, a. c. series magnetite arc lamps burning all night every night. Rate \$61.92 per lamp per year.

ORNAMENTAL:

77 posts, 60 feet apart in pairs; 25 posts with 5—25 watt tungsten lamps on each post, and 52 posts with 3—25 watt tungsten lamps on each post; top lamp on each post burns all night every night and side lights burn until 11 p. m. Rate \$23 per lamp per year. System installed by city and abutting property owners. City pays for service. Utility bears cost of maintenance.

SPOONER.

(Population, 1,453.)

MUNICIPAL PLANT.

Method of generation, hydraulic.

Daily operating period, all night but irregular during the day.

Commercial Lighting.

METER RATES:

| | |
|----------------------|-------------------|
| Up to 100 kw-hr..... | 8 cts. per kw-hr. |
| 100 to 200 " | 7 " " |
| 200 and over " | 6 " " |

FLAT RATES:

| | |
|----------------------|--------------------|
| 1—16 c. p. lamp..... | 50 cts. per month. |
| 2—16 " | 80 " " |
| 3—16 " | \$1.00 " " |

Meters are owned by the consumers.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

4—5 ampere, 110 volt, a. c. multiple carbon arc lamps, burning upon an all-night every-night schedule. Rate \$50 per lamp per year.

63—100 watt, 110 volt, a. c., multiple tungsten lamps, burning upon an all-night every-night schedule. Rate \$10 per lamp per year.

ORNAMENTAL:

None.

SPRING GREEN.

(Population, 730.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, dusk to midnight.

Commercial Lighting.

Minimum monthly bill, 75 cts.

Current, 11 cts. per kw-hr.

Meter rent, 25 cts. per month.

A penalty of 15% is added if bills are not paid by the 15th of the month, and 20% if not paid by the 30th.
Some meters are owned by the consumers and some by the utility.
No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

41—60 c. p., 6.6 ampere, a. c. series, gas-filled tungsten lamps, burning on a moonlight midnight schedule. Rate \$19 per lamp per year.

8—100 c. p., 6.6 ampere, a. c. series, gas-filled tungsten lamps, burning on a moonlight midnight schedule. Rate \$19 per lamp per year.

ORNAMENTAL:

None.

SPRING VALLEY.

(Population, 972.)

WISCONSIN-MINNESOTA LIGHT & POWER CO.

Method of generation, hydraulic and transmission.
Daily operating period, continuous.

Commercial Lighting.

(For lighting rates see schedule for Alma Center.)

Commercial Power.

For less than 20 h. p. 6 cts. per kw-hr. for the first 30 hours' use of the maximum demand, and 3 cts. per kw-hr. for the balance.

For 20 h. p. and over, 75 cts. per h. p. of maximum demand and 2 cts. per kw-hr.

By the term maximum demand is understood to be the rated capacity of the motors connected times 746 watts.

The minimum power bill will be 75 cts. per h. p. per month as above determined where more than 1 h. p. is installed. On installation of 1 h. p. or less the minimum bill will be \$1.00 per month.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

30—100 c. p., 4 ampere a. c. series tungsten lamps burning every night until midnight. Rate \$20 per lamp per year.

8—400 c. p., 4 ampere a. c. series tungsten lamps burning every night all night. Rate \$60 per lamp per year.

ORNAMENTAL:

None.

STANLEY.

(Population, 2,675.)

NORTH WESTERN LUMBER CO.

Method of generation, current purchased.
Daily operating period, continuous.

Commercial Lighting.

METER RATES:

Minimum monthly bill, \$1.00.

10 cts. per kw-hr. for the first 30 kw-hr. use of connected load per month.

8½ cts. per kw-hr. for each additional kw-hr. up to and including 90 kw-hr. use of connected load per month.

7 cts. for each kw-hr. in excess of 90 kw-hr. use of connected load per month.

FLAT RATES:

50 cts. per month per each 16 c. p. lamp or its equivalent.

The minimum rate per consumer per month shall be \$1.00 for both meter and flat rate customers.

Commercial Power.

METER RATES:

Electric power to be used between hours of 7:00 a. m. and 6:00 p. m.

A ready-to-serve charge of 75 cts. per month for each h. p. or fraction thereof, based on the rated capacity of motor, is made for all power installations with one exception: In case a motor is installed on a lighting system, the customer pays the regular lighting rate, but no readiness-to-serve charge.

Current Charges for Power:

In addition to the readiness-to-serve charge, the meter charge is as follows:

5 cts. per kw-hr. for the first 200 kw-hr. used each month.

4½ cts. per kw-hr. for each additional kw-hr. used each month up to and including 400 kw-hr.

4 cts. per kw-hr. for each additional kw-hr. used each month more than 400 kw-hr.

FLAT RATES:

At its option, company may install motors of 3 h. p. or less at the following flat rate charges:

For motors rated 1 h. p. or less, \$3.25 per month.

For motors rated at more than 1 h. p. and at not more than 2 h. p., \$4.50 per month.

For motors rated at more than 2 h. p. and at not more than 3 h. p., \$6.00 per month.

Company reserves the right to change any installation from a flat rate basis to a meter and readiness-to-serve charge basis.

At the option of the consumer, motors may be installed on any lighting installation which is on a meter, the consumer paying the regular lighting meter rate for the current consumed by such motor, but not paying a readiness-to-serve charge.

Special Contract With the City.

Company furnishes under a two year contract with the city of Stanley, all power necessary to drive the city water works pump for the sum of \$960 per year.

All customers to furnish their own motors and to pay for all wiring inside of the buildings.

Company furnishes wiring to the buildings, also transformers and meters, the transformers and meters to remain property of the company.

Street Lighting.

GENERAL:

29—7.5 ampere a. c. series carbon arc lamps burning all night every night. Rate \$80 per lamp per year.

ORNAMENTAL:

None.

STANTON.

(Population, 125.)

NEW RICHMOND POWER CO.

(For commercial rate schedule see Deer Park.)

Street Lighting.

None.

STAR PRAIRIE.

(Population, 253.)

NEW RICHMOND POWER CO.

Method of generation, transmission..

Daily operating period, continuous.

(For commercial rate schedule see Deer Park.)

Street Lighting.**GENERAL:**

29—60 watt, 110 volt, a. c. multiple tungsten lamps, burning all night every night. Rate \$6 per lamp per year. Village furnishes lamps and cares for system.

ORNAMENTAL:

None.

STEVENS POINT.

(Population, 8,692.)

STEVENS POINT LIGHTING CO.

Method of generation, hydraulic with steam auxiliary.

Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

Minimum monthly charge, 50 cts.

First 100 kw-hr. 13½ cts. per kw-hr.

Next 100 " 12 " " "

" 100 " 11 " " "

All over 300 " 10 " " "

Commercial Power.

Minimum monthly charge, \$1.00 per h. p. per month. \$3.00 maximum. 4 cts. per kw-hr., between above rates.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

94—7.5 ampere a. c. series carbon arc lamps burning on an all-night moonlight schedule. Rate \$78 per lamp per year.

ORNAMENTAL:

None.

STOUGHTON.

(Population, 4,761.)

MUNICIPAL PLANT.

Method of generation, steam and hydraulic.

Daily operating period, continuous.

Commercial Lighting.

Minimum bill, 75 cts. per month, irrespective of whether meter is owned by plant or consumer.

Current 10 cts. per kw-hr. for the first 30 hours' use per month of active load; 6 cts. per kw-hr. for all over 30 hours' use per month of active load.

Active load for churches and residences to be considered as 50% of the full connected load; for all other classes of service 100%.

Discount 5% if paid on or before the 10th of the month.

All devices, the nature of which would be what is known as off-peak business, such as flatirons, heating devices, vacuum cleaners and washing machines, are not to be counted in determining consumer's active load, but shall be on the basis of rates heretofore established for lighting.

COOKING AND HEATING RATE.

Residences having a cooking or heating load greater than 2000 watts (beside toasters and flatirons) will have a rate of 10 cts. per kw-hr. for the first 30 hours' use of active load; 6 cts. per kw-hr. for the second 30 hours', and an excess rate of 3 cts. per kw-hr.

Any consumer desiring that current for heating be registered on a separate meter, may have this current at 3 cts. per kw-hr.; with the usual minimum of 75 cts. per month.

Rate for lighting an Orphans' and Old Peoples' Home, located approximately one and a quarter miles from present distributing system:

Rates to be regular except that the two institutions together are to guarantee (by contract) a minimum income to the utility of \$400.00 per annum.

Commercial Power.

Minimum monthly bill \$1.00 per h. p. connected.

Current 7 cts. per kw-hr. for the first 30 hours' use per month of active load. 3 cts. per kw-hr. for all over 30 hours' use per month of active load up to 2000 kw-hr.; 2½ cts. for all over 2000 kw-hr. per month. On yearly contract basis the primary rate is 6 cts. per kw-hr.

Full connected load to be considered active.

CONTRACT RATE FOR OFF-PEAK SERVICE.

Service to be discontinued during the hours of the day hereinafter specified in each of the following months:

| | | |
|----------------|----------------------|--------------------------|
| During October | between the hours of | 5:40 p. m. to 9:30 p. m. |
| " November | " " " " | 5:00 p. m. to 9:30 p. m. |
| " December | " " " " | 4:30 p. m. to 9:30 p. m. |
| " January | " " " " | 4:40 p. m. to 9:30 p. m. |
| " February | " " " " | 5:20 p. m. to 9:30 p. m. |
| " March | " " " " | 6:00 p. m. to 9:30 p. m. |

Shall be at the rate of 6 cts. per kw-hr for the first 30 hours' use per month of active load and 3 cts. per kw-hr. for all over 30 hours' use per month of active load, up to 2,000 kw-hr. All over 2000 kw-hr. 2½ cts. per kw-hr. That full connected load shall be considered active. The minimum charge shall be 50 cts. per month per h. p. connected. The above rates shall be on yearly contract basis only.

SHORT TIME RATE:

Short time motor users shall pay as their minimum bill the regular minimum for the h. p. connected, plus a charge for the extra amount of labor involved for connecting; and where unusual amounts of material are needed, a small rental on the material will be added.

No meters will be removed for a shorter period than 3 months unless a service charge of \$1.00 is paid for reconnecting.

All bills for electric service shall be due on the first of every month. A discount of 5% will be allowed if paid on or before the 10th of the month and if not paid on or before the 10th of the month next following, the current will be shut off and when so shut off shall not be turned on again until arrears have been paid together with a penalty of \$1.00. Exception

to this rule will be made when consumers are absent from the city.

A deposit sufficient to cover 2 months' estimated bill may be required if the utility deems it necessary to protect its interests. Interest at the rate of 5% will be paid on such deposits.

If for any reason the meter is not read, a charge of 75 cts. is made, same will be adjusted when meter is read.

Welders will be furnished power at the usual contract rates; but due to the fact that special machinery must be run to supply this load the company has the right to discontinue service in case this power is necessary to supply lighting load.

In the case of buildings in which a maximum demand meter is installed the maximum 15 minutes demand will be assumed as the active load.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

71—300 and 400 watt, 105 volt a. c. multiple gas filled tungsten lamps burning on an all-night moonlight schedule. Rate \$66 per lamp per year.

17—100 watt, 105 volt a. c. multiple gas filled tungsten lamps burning on an all-night moonlight schedule. Rate \$26.40 per lamp per year.

ORNAMENTAL:

None.

STRATFORD.

(Population, 763.)

R. CONNOR COMPANY.

Method of generation, steam.

Daily operating period, dusk to daylight, dark days 24 hours.

Commercial Lighting.

METER RATES:

15 cts. per kw-hr.

FLAT RATES:

50 cts. per 16 c. p. lamp per month.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

6—5 ampere. d. c., series, carbon arc lamps, burning on a dusk to daylight schedule. Rate \$75.00 per lamp per year.

ORNAMENTAL:

None.

STURGEON BAY.

(Population, 4,262.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

METER RATES:

Minimum monthly bill, 75 cts.

Current, 9 cts. per kw-hr.

FLAT RATES:

75 cts. per 32 c. p. lamp per month.

Renewals in all cases, inside wiring, lamps, and meters shall be owned by the consumer.

Commercial Power.

Minimum charge per month 75 cts.

Current 5 cts. per kw-hr.

A penalty of 25 cts. is added to all lighting and power bills not paid on or before the 15th of each month. If the bills, together with the penalty of 25 cts. are not paid on the 16th of the month, service is discontinued.

A charge of 50 cts. is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

2—6.6 ampere, a. c., series carbon arc lamps, burning on a moonlight all-night schedule. Rate \$85 per lamp per year.

80—80 c. p., 6.6 ampere, a. c., series tungsten lamps, burning on a moonlight all-night schedule. Rate \$21.25 per lamp per year.

304—40 watt, 110 volt, a. c., multiple tungsten lamps, burning on an all-night every-night schedule. Rate \$4.50 per lamp per year.

ORNAMENTAL:

None.

SULLIVAN.

(Population, 625.)

BARK RIVER ELECTRIC LIGHT & POWER CO.

(For commercial rate schedule see Rome.)

Street Lighting.**GENERAL:**

\$20 per year for 100 watt gas filled tungsten lamps burning every night until midnight.

ORNAMENTAL:

None.

SUMMIT, TOWN OF

(Waukesha County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule see M. L. H. & T. Co., Milwaukee Part II and Part III.)

SUN PRAIRIE.

(Population, 1,119.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

For all lighting service furnished residences and businesses, (hereinafter specifically referred to as Classes A, B and C) including such incidental use of appliances for heating and power used on lighting circuits and passing through the same meter, and measured by a meter or meters owned and installed by the utility, a charge of

Primary Rate 14 cts. net or 15 cts. gross per kw-hr. current used equivalent to or less than the first thirty hours' use per month of the active connected load.

Secondary Rate 11 cts. net or 12 cts. gross per kw-hr. for additional current used equivalent to or less than the next sixty hours' use per month of the active connected load.

Excess Rate 8 cts. net or 9 cts. gross per kw-hr. for all additional current used in excess of the above ninety hours' use per month of the active connected load.

The active connected load shall in each case be a fixed percentage of the total connected load of the lamps installed on the consumers' premises, excluding appliances.

Class A includes residences, flats and private rooming houses. Where the total connected load is equal to or less than 500 watts nominal rated capacity, 60 per cent of such total connected load shall be deemed active; where the installation exceeds 500 watts nominal rated capacity, 33 $\frac{1}{3}$ per cent of such part of the total connected load which is over and above 500 watts shall be deemed active.

Class B includes stores, saloons, offices, banks, restaurants, lodges and halls, theaters, and all others not herein specifically provided for. In this class 70 per cent of the connected load shall be deemed active.

Class C includes churches, schools, hotels, industrial establishments, public buildings, barns and garages, and blacksmith shops. In this class 55 per cent of the connected load shall be deemed active.

Minimum Bill.—The minimum bill shall be 50 cts. per month. Where the utility is unable to read the meter after reasonable effort, the fact should be plainly indicated upon the monthly bill, the minimum charge of 50 cts. shall be assessed, and the difference adjusted with the consumer when the meter is again read.

Discount.—The utility shall bill all consumers at the gross rate and the difference between the gross and net rates above specified, or one cent per kw-hr., shall constitute a discount for payment on or before the 15th of the month.

Reconnection of meters.—For the reconnection of a meter for the same consumer upon the same premises, a charge of \$1.00 is deemed reasonable.

Commercial Power.

For current used for power purposes and measured by meters owned and installed by the utility the rate is:

Primary Rate:

8 cts. net or 9 cts. gross per kw-hr. for the first 15 hours' use per month of the connected load.

Secondary Rate:

6 cts. net or 7 cts. gross per kw-hr. for the next 30 hours' use per month of the connected load.

Excess Rate:

4 cts. net or 5 cts. gross per kw-hr. for all over 45 hours' use per month of the connected load.

The connected load is determined by multiplying the nominal horse-power rating by 0.746.

The minimum monthly bill is \$1.00 per month for the first h. p. or fraction thereof, and 50 cts. for each additional h. p. of connected load.

The provisions for discount and reconnection of meters, as stated under the schedule for commercial lighting, shall also apply to power.

SHORT TIME USERS (light and power)—The rate for short time users, such as the canning factory, shall be 14 cts. net or 15 cts. gross per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

42—100 watt, 220 volt, d. c., multiple tungsten lamps, burning on moonlight midnight schedule. Rate \$16 per lamp per year.

18—250 watt, 220 volt, d. c., multiple tungsten lamps, burning on a moonlight midnight schedule. Rate \$28 per lamp per year.

ORNAMENTAL:

None.

SUPERIOR.

(Population, 40,384.)

NORTHERN POWER COMPANY.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Power.

STANDARD SCHEDULE.

The customer agrees to take the power herein contracted for and to pay monthly to the company therefor, on or before the fifteenth day of the month following that for which charge is made, in accordance with the following schedule of rates.

440 VOLT UNRESTRICTED POWER.

When the customer's load factor is:

| | | |
|------------------------------------|----------|------------|
| 10% or less | \$0.0375 | per kw-hr. |
| Over 10% and not more than 15%.... | .0333 | " " |
| Over 15% " " " " 20%.... | .0246 | " " |
| Over 20% " " " " 30%.... | .02 | " " |
| Over 30% " " " " 40%.... | .015 | " " |
| Over 40% " " " " 50%.... | .0135 | " " |
| Over 50% " " " " 60%.... | .0113 | " " |
| Over 60% " " " " 75%.... | .01 | " " |
| Over 75%..... | .0082 | " " |

Minimum Payment: The payment to be made by the customer in any month shall be not less than an amount equal to 75 cts. per h. p. of the maximum amount of ——— h. p., or any increase thereof, but in no case shall the amount of power to be used as the basis of this payment be less than the greater use of power by the customer hereunder, at any time within one year prior thereto.

13,000 VOLT UNRESTRICTED POWER.

When the customer's load factor is:

| | | |
|------------------------------------|--------|------------|
| 10% or less | \$0.03 | per kw-hr. |
| Over 10% and not more than 15%.... | .025 | " " |
| Over 15% " " " " 20%.... | .0185 | " " |
| Over 20% " " " " 30%.... | .015 | " " |
| Over 30% " " " " 40%.... | .012 | " " |
| Over 40% " " " " 50%.... | .0105 | " " |
| Over 50% " " " " 60%.... | .0088 | " " |
| Over 60% " " " " 75%.... | .0074 | " " |
| Over 75%..... | .006 | " " |

Minimum Payment: The payment to be made by the customer in any month shall be not less than an amount equal to 50 cts. per h. p. of the maximum amount of _____ h. p., or any increase thereof, but in no case shall the amount of power to be used as the basis of this payment be less than the greater use of power by the customer hereunder at any time within one year prior thereto.

Load Factor is the result, expressed as a percentage, obtained by dividing the total number of kilowatt-hours used during the month by the product of the total number of hours in the month and the greater amount obtained by either of the two following measurements:

Greatest number of kw., used instantaneously in the month, less 60%, or

Greatest average number of kw. used for any five consecutive minutes in the month.

When the amount of the monthly charge is greater than the amount that would be produced by increasing the number of kw-hr. used during the month to the lowest number that would make the next lower rate apply, then the monthly charge shall be reduced to the amount that would be so produced.

Discount will be allowed in accordance with the following table, on each monthly charge based on above schedule of rates, amounting to \$250.00 and over. On intermediate amounts the next smaller rate shall apply. When the net amount is greater than that produced by increasing the gross amount of the monthly charge sufficiently to make the next higher rate of discount apply, then the net amount shall be reduced to the amount that would be so produced.

TABLE OF DISCOUNTS.

| Monthly charge | Rate of disc. | Monthly charge | Rate of disc. | Monthly charge | Rate of disc. | Monthly charge | Rate of disc. | Monthly charge | Rate of disc. |
|----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|
| \$250 | 1% | \$850 | 5% | \$1450 | 9% | \$2100 | 13% | \$3200 | 17% |
| 400 | 2% | 1000 | 6% | 1600 | 10% | 2300 | 14% | 3750 | 18% |
| 550 | 3% | 1150 | 7% | 1750 | 11% | 2500 | 15% | 4500 | 19% |
| 700 | 4% | 1300 | 8% | 1900 | 12% | 2800 | 16% | 5500 & over | 20% |

Service is furnished to the Duluth Street Railway Company, and to the Superior Water, Light and Power Company under special contracts.

ALTERNATE SCHEDULE

The customer hereby agrees to pay to the company for the electric power reserved and delivered under the terms of this contract on or before the 10th day of each month following that for which the charge is made, and the amount of each monthly charge shall be determined by the company in accordance with rates for reservation and power as follows:

40 VOLT UNRESTRICTED POWER.

Charge for Reservation:

The customer shall pay to the company for reservation of machinery, apparatus and lines \$1.35 per month for each kw. of the minimum rating of the customer's load, and whenever the rating of the customer's load, as determined by the provisions hereof, is in excess of the minimum rating, the customer shall also pay to the company \$1.35 per month for each kw. of such excess, based upon the rating of the customer's load for the month for which charge is made.

Charge for Power:

The customer shall also pay to the company for the electric power actually used each month, as recorded by the kw-hr. meters installed by the company, \$0.015 per kw-hr. for all power used up to 70 kw-hr. for each kw. of the rating of the customer's load for the month for which charge is made, as determined by the provisions hereof, and \$0.0075 per kw-hr. for all additional power used.

13,000 VOLT UNRESTRICTED POWER.

Charge for Reservation:

The customer shall pay to the company for reservation of machinery, apparatus and lines \$1.10 per month for each kw. of the minimum rating of the customer's load, and whenever the rating of the customer's load, as determined by the provisions hereof, is in excess of the minimum rating, the customer shall also pay to the company \$1.10 per month for each kw. of such excess, based upon the rating of the customer's load for the month for which charge is made.

Charge for Power:

The customer shall also pay to the company for the electric power actually used each month, as recorded by the kw-hr. meters installed by the company, \$0.011 per kw-hr. for all power used up to 70 kw-hr. for each kw. of the rating of the customer's load for the month for which charge is made, as determined by the provisions hereof, and \$0.005 per kw-hr. for all additional power used.

Discount:

On all bills paid on or before the tenth day of the month following the month for which charge is made, a discount of \$0.10 per kw. will be allowed on the "Charge for Reservation."

Rating:

The rating of the customer's load for all purposes of this contract shall be the maximum rate at which power is used at any time during the period for which the rating is determined, as measured by maximum demand meters, or, at the option of the company, on the basis of the highest result obtained from any of the following measurements:

The maximum instantaneous peak less 60 per cent discount.

The maximum one-minute peak, less 50 per cent discount.

The maximum three-minute peak, less 33½ per cent discount.

The maximum five-minute peak, less no discount.

Discounts on intermediate peaks shall be interpolated by proportion.

Peaks due to short circuit and accidents to machinery shall not be counted.

SUPERIOR.

(Population, 40,384.)

SUPERIOR WATER, LIGHT & POWER CO.

Method of generation, electric.

Daily operating period, continuous.

RESIDENCE LIGHTING RATE.

For all electric energy furnished residences, dwellings, flats and private boarding houses for lighting. This service may include energy for other uses than lighting, where appliances of not over 600 watts capacity each, are employed, whose aggregate demand does not require special wiring or enlarged meter or transformer capacity.

RATE.

10½ cts. per kw-hr for all or part of first 6 kw-hr. used per month in house having 3 rooms or less, plus 2 kw-hr. for each additional room.

8½ cts. per kw-hr. for all or part of next 6 kw-hr. used per month in house having 3 rooms or less, plus 3 kw-hr. for each additional room.

6 cts. per kw-hr. for all energy used in excess of 12 kw-hr. per month in house having 3 rooms or less, plus 5 kw-hr. for each additional room.

In applying the above rate, the count of rooms is to be made on the so-called Real Estate Agents' rental basis (which excludes bath-rooms, hallways and unfinished attics and basements) except that rooms having an area of more than 300 sq. ft. will count as 2 rooms. When two or more rooms exceed 300 sq. ft. each, only one extra room will be counted for each 300 sq. ft. of excess area.

The following is a tabulation of above rates:

| | Number of Rooms | | | | | | | | | | | | Add for ea. addl. room |
|------------------------------|-----------------|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|------------------------------|
| | 1-3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | | |
| Kw-hr. @ 10½ cts., 1st | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 2 | |
| “ @ 8½ cts., next | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 3 | |
| “ @ 6 cts., all over | 12 | 17 | 22 | 27 | 32 | 37 | 42 | 47 | 52 | 57 | 62 | 5 | |
| Minimum monthly bill..... | .50 | .50 | .50 | .60 | .70 | .80 | .90 | 1.00 | 1.10 | 1.20 | 1.30 | .10 | |

Discounts—Prompt Payment. 1 ct. per kw-hr. when paid on or before 10 a. m. on 16th and ½ ct. per kw-hr. when paid later than this, but not later than 10 a. m. on the 26th of month following that for which bill is rendered.

When the 15th or 16th falls on a Sunday or holiday, discounts allowed until 10 a. m. on the 17th and until 10 a. m. on the 27th, when the 25th or 26th falls on a Sunday or holiday.

Minimum Charge—1 to 5-room house or flat 50 cts. plus 10 cts. for each additional room.

TERM OF CONTRACT. This agreement shall continue in force until three days after notice in writing of desire to discontinue service has been delivered at the office of the company.

Note.—A term contract may be required when special investment is required in order to furnish service.

COMMERCIAL LIGHTING RATE.

For all electric energy furnished to premises as listed below under Classes "A," "B," and "C." This service may include energy for other uses than lighting when motors or other appliances of not over 750 watts capacity, each, and not over 1500 watts aggregate capacity are used.

RATE.

10½ cts. per kw-hr. for all or part of first 3 kw-hr. used per month per 100 watts of active load.

8½ cts. per kw-hr. for all, or part, of next 6 kw-hr. used per month per 100 watts of active load.

6 cts. per kw-hr. for all current used in excess of 9 kw-hr. per month per 100 watts of active load.

Flat Rate Option. Customers located within the limits of the company's patrol service may secure service at a flat monthly charge figured on basis of above rates for window, sign and outside decorative lighting, the company turning lights on at dusk and off at 10 p. m., 11 p. m., midnight or daybreak, as may be agreed.

Discounts—Prompt Payment. 1 ct. per kw-hr. when paid on or before 10 a. m. on 16th, and ½ ct. per kw-hr. when paid later than this, but not later than 10 a. m. on the 26th of month following that for which bill is rendered.

When the 15th or 16th falls on a Sunday or holiday, discounts are allowed until 10 a. m. on the 17th and until 10 a. m. on the 27th when the 25th or 26th falls on a Sunday or holiday.

Note—On bills owed by the United States of America, the state of Wisconsin, the county of Douglass and the city of Superior an additional 30 days' time is allowed without forfeiture of discount.

Minimum Charge. Net, 50 cts. per month for 500 watts, or less, of connected load, plus 5 cts. for each additional 50 watts connected.

TERM OF CONTRACT.

A—*Metered Service.* Subject to termination by consumer on 3 days' written notice, delivered at the office of the company. *Note*—A term contract may be required when special investment is required in order to furnish service.

B—*Flat Rate Service.* One year and such further time as the customer shall continue to use the service and until 3 days after receipt of written notice at the office of the company of intention to discontinue.

DETERMINATION OF ACTIVE CONNECTED LOAD. Active connected load shall, in every case, be a percentage of total connected load, consisting of lamps, appliances, etc., installed upon consumer's premises and shall be fixed as follows:

Class "A" *Window, Sign, Basement-salesroom and Outside Decorative Lighting.*

Sixty-six and two-thirds (66⅔) per cent. of the total connected load shall be deemed active.

Class "B" *Stores, Offices, etc. (See full list below.)*

When the total connected load is equal to or less than 2½ kw., 70% of such total connected load shall be deemed active. When the installation exceeds 2½ kw., 55% of such connected load over and above 2½ kw. shall be deemed active; provided that lamps used exclusively in space devoted to the storing of goods shall be treated as 20% active and shall not be included in the 2½ kw. specified above. Class "B" shall consist of:

wholesale and retail merchandise establishments, offices, etc., as per the following list, and all other consumers not otherwise specifically provided for in Classes "A" and "C".

| | |
|-------------------------------------|--|
| Art stores | Paint and wallpaper shops |
| Bakeries | Photograph galleries |
| Banks | Piano and music stores |
| Barber shops | Picture stores |
| Book stores | Plumbing shops |
| China and crockery stores | Pool and billiard halls |
| Cigar stores | Saloons and cardrooms |
| Coffee and tea stores | Shoe stores and repair shops |
| Commission stores | Stationery stores |
| Candy stores and ice cream parlors | Studios |
| Drug stores | Tailor shops (including dyers, cleaners and clothes pressing shops) |
| Drygoods stores | Undertakers |
| Dressmaking parlors | Upholsterers |
| Electrical supply stores | Wine and liquor stores |
| Flower stores and greenhouses | Shooting galleries |
| Furniture stores | Corridors and halls in office and apartment building upon separate meter |
| Fuel stores and offices | Dance and public halls, including lodge and society rooms, restaurants and lunch wagons |
| Grocery stores | Depots and public places for the conduct of railroad, street railroad, express and telephone business (excluding freight warehouses) |
| Hairdressing parlors | |
| Hardware stores | |
| Harness stores | |
| Hay, grain and feed stores | |
| Jewelry stores | |
| Meat markets | |
| Massage parlors | |
| Millinery stores | |
| Milk depots | |
| Offices (business and professional) | |

Class "C" Public Buildings, Churches, Hotels, Factories.

55% of the total connected load shall be deemed active.

Class "C" shall consist of:

Public buildings (federal, state and county)

Churches and missions.

Hotels and clubs.

Theaters, including stereopticons and moving picture machines.

Factories closing not later than 6 p. m. (including small industrial establishments such as machine shops, carpenter shops, blacksmith shops, tin shops and cigar factories).

Schools, private and parochial.

Grain elevators and warehouses.

Freight and storage warehouses.

Stables and garages (private, boarding and livery).

Minimum Connected Load.

In classes "A," "B" and "C," the minimum connected load to be used in figuring active load shall be 200 watts.

Quantity Discounts.—Applying to Commercial Lighting Rate:

| | | | | | |
|----------------------------|-----|--------|---------|-------|--------------------|
| 1st | 250 | kw-hr. | per mo. | Disc. | None. |
| 2nd | 250 | " | " | " | \$.0005 per kw-hr. |
| 3rd | 250 | " | " | " | .01 " " |
| 4th | 250 | " | " | " | .015 " " |
| 5th | 250 | " | " | " | .02 " " |
| 6th | 250 | " | " | " | .025 " " |
| 7th | 250 | " | " | " | .03 " " |
| All additional consumption | | | | | .015 " " |

The *Average* Discounts are as follows:

| Monthly Consumption of | | 500 kw-hr. avg. disc. | \$0.0025 per kw-hr. |
|------------------------|---|-----------------------|---------------------|
| " | " | " 750 | " " " .005 " " |
| " | " | " 1000 | " " " .0075 " " |
| " | " | " 1250 | " " " .01 " " |
| " | " | " 1500 | " " " .0125 " " |
| " | " | " 1750 | " and over .015 " " |

FLAT RATE LIGHTING.

Applying to Installations of not over 200 watts.

RATE:

For each 50 watts connected:

| | |
|--------------------------------------|--------|
| Burning from dusk until 10 p. m..... | \$0.80 |
| " " " " 12 p. m..... | 1.00 |
| " all night..... | 1.65 |

Discount—Prompt Payment. 20% when paid on or before 10 a. m. on 16th of month; 10% when paid later than this, but not later than 10 a. m. on the 26th of the month following that for which bill is rendered. When 15th or 16th or 25th or 26th, falls on a Sunday or holiday, discounts allowed until 10 a. m. on 17th or 27th.

TERM OF CONTRACT. 1 year, and such further term as consumer shall continue to use the service and until 3 days after delivery to company's office of written notice to discontinue service.

The company reserves the right to set a meter on all installations.

FIXED CHARGE LIGHTING RATE WITH CURRENT LIMITING DEVICE.

RATE:

Per watt of demand as fixed by limiter:

| | |
|---------------------------------|-----------------|
| April to Sept., both inclusive, | 1 ct. per month |
| Oct. to March, " " " " | 1.4 " " " |

Wattage contracted for may range from a minimum of 80 to a maximum of 160, by steps of 20 watts (80, 100, 120, 140 and 160 watts.)

Discount for Prompt Payment. 2 cts. per watt when paid on or before 10 a. m. on 16th of month; 1 ct. per watt when paid later than this but not later than 10 a. m. on the 26th of month following that for which bill is rendered.

TERM OF CONTRACT. One year, which term shall automatically renew itself for like period, except upon contrary notice of either party to the other, in writing, 30 days prior to the expiration of such original term or any renewal thereof.

TERMS AND CONDITIONS—SPECIAL:

Sec. 1—The consumer's connected load must equal $12\frac{1}{2}$ watts per socket and shall not exceed wattage contracted for; provided, however, that when two or more lamps are controlled by a change-over switch, so that only one lamp can be burned at a time, only one of such lamps (the larger or largest, if they differ in size) shall be counted in figuring the connected load. Empty live sockets will be counted at 20 watts each.

Sec. 2—No current shall be used for any purpose other than lighting, and lamps shall not be burned except during the usual lighting hours.

Sec. 3—No lamps shall be used except Mazda lamps of the following sizes, purchased from the company: 10, 15, 20, 25, and 40 watts. (Total connected load not to be increased beyond original total.)

Sec. 4—The current limiter used in connection with this rate remain the property of the company, and the consumer agrees not to remove, unfasten, disconnect, or in any way tamper with said limiter or the connections thereto, or permit anyone else to do so, and to be responsible for any damage thereto.

ELECTRIC COOKING, HEATING AND BATTERY CHARGING RATE

When separately metered, moving picture machines, stereopticons, photographers' arcs and rectifiers will be supplied under this rate.

RATE:

6 cts. per kw-hr. for the first 50 kw-hr. used per month.

5 cts. per kw-hr. for excess over 50 kw-hr. monthly.

Discount for Prompt Payment. 1 ct. per kw-hr. when paid on or before 10 a. m. on 16th of month; $\frac{1}{2}$ ct. per kw-hr. when paid later than this, but not later than 10 a. m. on the 26th of the month following that for which bill is rendered. When 15th or 16th, or 25th or 26th fall on a Sunday or holiday, discounts allowed until 10 a. m. on the 17th or 27th.

Minimum Charge. Net, \$1.00 per month per kw. connected load.

TERM OF CONTRACT. This agreement shall remain in force until three days after notice in writing of desire to discontinue has been mailed to or delivered at the company's office.

Note.—A term contract may be required when special investment is required in order to furnish service.

WHOLESALE LIGHTING RATE.

RATE:

Meter rate with quantity discounts:

First 500 kw-hr. per month at $10\frac{1}{2}$ cts.

Next 500 " " " " $8\frac{1}{2}$ "

Next 1000 " " " " 6 "

Excess consumption over 2000 kw-hr. at 4 cts.

Discount for Prompt Payment. 1 ct. per kw-hr. when paid on or before 10 a. m. on 16th of month; $\frac{1}{2}$ ct. per kw-hr. when paid later than this, but not later than 10 a. m. on 26th of month following that for which bill is rendered. When 15th or 16th, or 25th or 26th falls on a Sunday or holiday, discounts allowed until 10 a. m. on 17th or 27th.

Minimum Charge. Net, \$1,620 per year, payable in monthly installments of \$135 but entitling customer to the use of current at any time during the year.

TERM OF CONTRACT. Five years, with right of cancellation on 6 months' written notice at any time after expiration of first year.

UNTRANSFORMED CURRENT:

When current is supplied at 2200 volts the above rates, including minimum charge, are subject to a further discount of 10% of the net bill after deducting prompt payment discount.

RATES FOR POWER AND ALLIED SERVICE

For all electric energy furnished for driving motors, including incidental lighting, when the demand arising from such lighting shall not exceed 20% of the total simultaneous demand for lighting and power.

RATE 1. Applying to regular commercial service on installations of over 4 h. p.:

Fixed Charge, \$2.50 per month per h. p. of maximum demand.

Energy Charge, 2 cts. per kw-hr.

RATE 2. Applying to regular commercial service on installations of over 4 h. p.:

Fixed Charge, \$1.25 per month per h. p. of maximum demand.

Energy Charge, 3.75 cts. per kw-hr.

RATE 3. Applying a regular commercial service on installations of over 3 h. p.:

10 cts. per kw-hr. for all or part of first 25 kw-hr. used per month per h. p. of maximum demand.

3.75 cts. per kw-hr. for all current used in excess of 25 kw-hr. per month per h. p. of maximum demand.

Minimum charge, 75 cts. per month per h. p. of maximum demand.

NOTE.—Power consumers have the option of taking either of above rates, but cannot change from one to the other except at the expiration of each year of service.

Discount—Prompt Payment. 20% for payment not later than 10 a. m. on the 16th, and 10% for payment not later than 10 a. m. on the 26th of month following that for which service was rendered.

TERM OF CONTRACT. One year and such further time as the consumer shall continue to use the service and until 3 days after receipt of written notice at the office of the company of intention to discontinue.

SMALL MOTOR POWER RATE.

Applying to Regular Commercial Service Installations of 4 H. P. or less.

| Horse power | Fixed charge | Energy charge per kw-hr. | Minimum monthly bill—net |
|-------------|--------------|--------------------------|--------------------------|
| ¼ | \$0.65 | \$0.02 | \$1.00 |
| ½ | .85 | " | 1.00 |
| ¾ | 1.25 | " | 1.25 |
| 1 | 2.00 | " | 1.75 |
| 1½ | 2.50 | " | 2.25 |
| 2 | 3.75 | " | 3.50 |
| 2½ | 5.00 | " | 4.50 |
| 3 | 6.25 | " | 5.50 |
| 4 | 7.50 | " | 6.75 |
| | 10.00 | " | 9.00 |

Discount—Prompt Payment. 20% for payment not later than 10 a. m. on the 16th, and 10% for payment not later than 10 a. m. on the 26th of month following that for which service was rendered.

TERM OF CONTRACT. This agreement shall remain in force until 3 days after receipt of notice, in writing, at the office of the company. of intention to discontinue service.

OFF-PEAK POWER RATE.

RATE:

\$0.03125 per kw-hr.

Consumer agrees not to use power during following hours:

Oct. 1st to 15th.....5:00 to 10 p. m.

Oct. 16th to Nov. 15th.....4:45 to 10 p. m.

Nov. 16th to Dec. 10th.....4:30 to 10 p. m.

Dec. 11th to Jan. 1st.....4:15 to 10 p. m.

Jan. 2nd to Feb. 1st.....4:30 to 10 p. m.

Feb. 2nd to March 1st.....5:00 to 10 p. m.

27—E. R.

Saturdays during above period, same as above, except that 10:30 is substituted for 10 o'clock, Saturdays March 1 to Oct. 5:30 to 10:30 p. m.

Consumer to install and operate one or more recording ampere meters, through which all current used under this rate shall pass and charts from which are to be delivered to the company at end of each month.

Discount Prompt Payment. 20% for payment not later than 10 a. m. on the 16th and 10% for payment not later than 10 a. m. on the 26th of month following that for which service was rendered.

Minimum Bill. Net, \$12.00 per year per h. p. of meters installed, payable in monthly installments of \$1.00 per h. p. but entitling consumer to the use of current at any time during the year.

TERM OF CONTRACT. 1 year and such further period as consumer shall continue to use the service.

DIRECT CURRENT POWER RATE, 500 VOLT.

Applying to installations of 100 horse power or over, and including incidental lighting.

RATE:

Fixed charge, \$100 per month, net.

Energy charge, $1\frac{1}{3}$ cts. per kw-hr., net.

TERM OF CONTRACT. 5 years.

MUNICIPAL BRIDGE, VIADUCT AND PARK LIGHTING.

In addition to the above, the city is furnished series tungsten lamps as follows, burning on street lighting circuits.

Third street passenger viaduct.....7—60 c. p.

East 4th street bridge.....8—80 c. p.

and multiple tungsten lamps during the summer season in Billings park and the approach thereto.

The above are furnished under special contracts, the price depending less on the amount of current supplied than on the extent of the special investment made in each case; hence no price can be quoted per lamp.

MUNICIPAL BUILDINGS—LIGHTING RATE.

4 cts. per kw-hr., net.

This rate applies to all interior lighting for the city of Superior including city hall, fire halls, schools and library.

Street Lighting.

GENERAL:

515—250 c. p., 6.6 and 7.5 ampere a. c. series gas filled tungsten lamps burning all night, every night. Rate \$38 per lamp per year.

27—600 c. p., 6.6 and 7.5 ampere a. c. series gas filled tungsten lamps burning all night every night. Rate \$72 per lamp per year.

ORNAMENTAL:

162 posts, 16 posts to block in pairs; 144 posts with 2—60 watt and 1—40 watt tungsten lamps each. 18 posts with 2—100 watt and 1—40 watt tungsten lamps each. All lamps burn from dusk to midnight and 43—40 watt lamps burn until daylight. Rate \$22.50 per post per year for 144 posts and \$38.40 per post per year for 18 posts. System installed by abutting property owners. Rate includes maintenance. City pays for service.

SUSSEX.

(Population, 300.)

WISCONSIN GAS & ELECTRIC CO.

(See rate schedule for Menomonee Falls.)

Street Lighting.

None.

TEMPLETON.

(Population, —.)

WISCONSIN GAS & ELECTRIC CO.

(See rate schedule for Menomonee Falls.)

Street Lighting.

None.

THERESA.

(Population, 345.)

THERESA LIGHT AND POWER CO.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month \$1.00.

10 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

16—100 watt, 110 volt, a. c. multiple gas filled tungsten lamps, burning from dusk until midnight. Rate \$19.75 per lamp per year.

12—25 watt, 110 volt, a. c., multiple tungsten lamps, burning from dusk until midnight. Rate \$5.54 per lamp per year.

ORNAMENTAL:

None.

THIENSVILLE.

(Population, 725.)

THIENSVILLE LIGHT & POWER CO.

Method of generation, water power.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month \$1.00.

First 20 kw-hr. 14 cts. gross or 13 cts. net per kw-hr.

Next 30 " 12½ " " " 11½ " " " "

All over 50 " 11 " " " 10 " " " "

Difference between the gross and net rates constitutes a discount if bill is paid on or before the 10th of the month following that for which service was rendered.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

5—240 watt, 110 volt d. c. multiple tungsten lamps burning every night from dusk to 12:30 a. m. Rate \$48 per lamp per year.

3—200 watt, 110 volt d. c. multiple gas filled tungsten lamps burning every night from dusk to 12:30 a. m. Rate \$48 per lamp per year.

ORNAMENTAL:

None.

THORP.

(Population, 741.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, dusk to 12 p. m. and 5 a. m. to daylight.

Commercial Lighting.**METER RATES:**

10 cts. per kw-hr.

FLAT RATES:

Arc lamps, \$2.50 per month, dusk to midnight.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

Data incomplete.

TILDEN.

(Population, —.)

TILDEN ELECTRIC LIGHT AND POWER CO.

Method of generation, —.

Daily operating period, —.

Commercial Lighting.**METER RATES:**

Minimum charge per month \$1.00.

Primary Rate: 13 cts. per kw-hr. for the first 30 hours' use per month of the active load.

Secondary Rate: 8 cts. per kw-hr. for the next 60 hours' use per month of the active load.

Excess Rate: 5 cts. per kw-hr. for all current used in excess of 90 hours' use per month of the active load.

FLAT RATES:

Flat charge of \$37.50 per month made to the Creamery Co. for power and lights.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

None.

TOMAH.

(Population, 3,419.)

TOMAH ELECTRIC & TELEPHONE CO.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

Minimum monthly bill, \$1.00.

Current, 15 cts. per kw-hr.

Subject to following discounts if paid on or before last discount day as stamped upon the notices rendered monthly.

| | |
|--|--------------|
| On bills from \$1.11 up to \$3.00..... | 10% discount |
| “ “ “ 3.00 “ 5.00..... | 20% “ |
| “ “ “ 5.00 “ 10.00..... | 30% “ |
| “ “ “ 10.00 “ 20.00..... | 40% “ |
| “ over 20.00..... | 50% “ |

Electric light meters will be installed in contemplation of twelve full month's service at the regular rates, and in case the subscriber requires the removal of a meter within that time, he will be required to pay the cost of installing and removing said meter and of connecting and disconnecting his service line from the primary circuit, or pay the established minimum charge for the remainder of the twelve month period.

Commercial Power.

8 cts. per kw-hr., subject to discounts for quantity consumed as follows:

| | |
|----------------------------|--------------|
| From 100 to 200 kw-hr..... | 5% discount. |
| “ 200 to 300 “ | 10 “ |
| “ 300 to 400 “ | 15 “ |
| “ 400 to 500 “ | 20 “ |
| “ 500 to 600 “ | 25 “ |
| “ 600 to 700 “ | 30 “ |
| “ 700 to 800 “ | 35 “ |
| “ 800 to 900 “ | 40 “ |
| “ 900 to 1000 “ | 45 “ |
| “ 1000 and over..... | 50 “ |

Minimum monthly bill. For each motor of 2 h. p. and less (nominal rated capacity) a minimum charge of \$2.00 per month shall be paid; and for each motor of over 2 h. p. a minimum of \$1.00 per month shall be paid for each h. p. or fraction thereof, of the nominal rated capacity of the motor.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

57—6.6 ampere, a. c., series, magnetite arc lamps, burning on an all-night every-night schedule. Rate \$54 per lamp per year.

1—60 watt, 110 volt, a. c. multiple carbon lamp, burning upon an every-night all-night schedule. Rate \$12 per lamp per year.

ORNAMENTAL:

None.

TOMAHAWK.

(Population, 2,907.)

ELECTRIC, WATER & TELEPHONE CO.

Method of generation, current purchased.

Daily operating period, 23 hrs. every day, Sundays 20 hrs.

Commercial Lighting & Power.

Current for incandescent lamps, enclosed arc lamps, motors, etc., 12 cts. per kw-hr., subject to discounts for quantity consumed as follows:

| | |
|--------------------|-----|
| 0 to 50 kw-hr..... | 10% |
| 50 to 75 “ | 15% |
| 75 to 100 “ | 20% |

| | | | | |
|----------|-------|---|-------|-----|
| 100 to | 250 | " | ..... | 30% |
| 250 to | 500 | " | ..... | 40% |
| 500 to | 750 | " | ..... | 50% |
| 750 to | 1,000 | " | ..... | 60% |
| 1,000 to | 1,500 | " | ..... | 70% |

Minimum charges will be made as follows to cover expenses of inspecting and maintaining meters, transformers and service connections.

| | | |
|----------------------------|--------|------------|
| 10 incandescent lamps..... | \$1.25 | per month. |
| 20 " " "..... | 1.75 | " " |
| 30 " " "..... | 2.25 | " " |
| 40 " " "..... | 2.75 | " " |
| 50 " " "..... | 3.50 | " " |
| 100 " " "..... | 5.90 | " " |
| 150 " " "..... | 7.50 | " " |
| 200 " " "..... | 8.50 | " " |
| 300 " " "..... | 9.60 | " " |
| 400 " " "..... | 10.75 | " " |
| 600 " " "..... | 12.00 | " " |

Commercial Power.

1ST CLASS.

Minimum Charge per month, \$1.00 for first h. p. and 50 cts. for each additional h. p.

First 30 hours' use of 75% of maximum demand \$0.10 per kw-hr.

Maximum demand shall be rated h. p. of motors.

All over 30 hours' use \$0.02 per kw-hr.

2ND CLASS.

This class of power to be used on off-peak load *only*.

Off-peak load shall be from 7:30 a. m. to 5:30 p. m. in April, May,

June, July, August and Sept. and from 8:00 a. m. to 4:00 p. m. in October, Nov., Dec., Jan., Feb. and March.

Minimum Charge per month \$1.00 for the first h. p. and \$0.40 for each additional h. p.

First 50 hours' use of 75% of maximum demand 5 cts. per kw-hr.

Maximum demand shall be the rated h. p. of motors.

All over 50 hours' use 2 cts. per kw-hr.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

23—300 and 400 watt, 110 volt, a. c. multiple, gas filled tungsten lamps burning on an all-night every-night schedule. Metered at 3.6 cts. per kw-hr. Company furnishes free lamp renewals.

3—100 watt, 110 volt, a. c. multiple gas filled tungsten lamps, burning on an all-night every-night schedule. Metered at 3.6 cts. per kw-hr. Company furnishes free lamp renewals.

ORNAMENTAL:

20' posts, 8 posts to block in pairs; 1—60 watt, 110 volt, a. c. multiple tungsten lamp, and 4—40 watt, 110 volt, a. c. multiple tungsten lamps on each post; 60 watt lamps burn all night, and 40 watt lamps burn until 11 p. m. Metered at 3.6 cts. per kw-hr. System installed by abutting property owners. City pays for service. System maintained by utility.

TREMPEALEAU.

(Population, 535.)

MUNICIPAL PLANT.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month \$1.00.

11 cts. per kw-hr. with a discount of 1 ct. per kw-hr. if bills are paid on or before the 10th of the month following that in which current is used.

Commercial Power.

Minimum Charge per month \$1.00 for 2 h. p. or less, and 50 cts. for each additional h. p.

9 cts. per kw-hr. with a discount of 1 ct. per kw-hr. if bills are paid on or before the 10th of the month following that in which current is used.

Meters are owned by the utility.

A charge of \$3.00 is made for connecting consumer's premises with lines.

Street Lighting.

Data incomplete.

TWIN BLUFFS.

(Population, 150.)

TWIN BLUFFS MILL, POWER & LIGHT CO.

Method of generation, hydraulic.

Daily operating period, dusk to daylight.

Commercial Lighting.

Minimum charge per month \$1.00.

Service charge 25 cts. per month.

Current 12½ cts. per kw-hr.

Meters are owned by the utility.

A charge for the material and labor is made for connecting consumer's premises with lines.

Street Lighting.

None.

TWO RIVERS.

(Population, 4,850.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

Minimum annual rental \$9.00, to be paid monthly at 75 cts.

Current, 9 cts. per kw-hr.

Commercial Power.

Demand Charge 50 cts. per connected h. p. per month.

Energy Charge:

First 30 hours' use of connected load 4 cts. per kw-hr.

All in excess of 30 hours' use of connected load 3 cts. per kw-hr.

No consumer to be furnished with more than 50 h. p.

Power furnished only between the hours of 7 a. m. and 6 p. m.

Whenever light connections are disconnected for non-payment of bills, no connections will be made until all bills have been paid with \$2.00 added for making new connections.

Meters will be furnished by the city at an annual rental per year of one-fourth of the cost of meter, to be paid each year in advance. After four annual rentals have been paid, the meter to become the property of the party paying the rentals. All repairs to be paid for by the party using the meter.

An allowance of 50% of amount paid will be allowed on all meters returned to the city on which four annual payments have not been paid.

Meters are owned by consumers.

No charge is made for connecting consumers' premises with lines.

Street Lighting.

GENERAL:

4—6.6 ampere a. c. series carbon arc lamps burning every night until midnight. Rate \$45 per lamp per year.

81—250 c. p., 6.6 ampere a. c. series gas filled tungsten lamps burning every night until midnight. Rate \$45 per lamp per year.

5—600 c. p., 20 ampere a. c. series gas filled tungsten lamps burning every night until midnight. Rate \$45 per lamp per year.

ORNAMENTAL:

8 posts all in one block; 1—200 watt tungsten lamp on each post. Current paid for at 9 cts. per kw-hr. System installed by city and city pays for service.

TWO RIVERS.

(Population, 4,850.)

WISCONSIN PUBLIC SERVICE CO.

Method of generation, transmission.

Daily operating period, continuous.

Commercial Power.

Installations from 40 to 200 h. p. No discounts.

Less than 50 hrs.' monthly use of max. demand..3.0 cts. per kw-hr.

| | | | | | | | | | | |
|-----------|---|---|---|---|---|---|-------|---|---|---|
| 50 to 100 | " | " | " | " | " | " | ..2.5 | " | " | " |
|-----------|---|---|---|---|---|---|-------|---|---|---|

| | | | | | | | | | | |
|------------|---|---|---|---|---|---|-------|---|---|---|
| 100 to 200 | " | " | " | " | " | " | ..2.0 | " | " | " |
|------------|---|---|---|---|---|---|-------|---|---|---|

| | | | | | | | | | | |
|------------|---|---|---|---|---|---|-------|---|---|---|
| 200 to 300 | " | " | " | " | " | " | ..1.5 | " | " | " |
|------------|---|---|---|---|---|---|-------|---|---|---|

| | | | | | | | | | | |
|------------|---|---|---|---|---|---|-------|---|---|---|
| 300 to 400 | " | " | " | " | " | " | ..1.3 | " | " | " |
|------------|---|---|---|---|---|---|-------|---|---|---|

| | | | | | | | | | | |
|------------|---|---|---|---|---|---|-------|---|---|---|
| 400 to 500 | " | " | " | " | " | " | ..1.2 | " | " | " |
|------------|---|---|---|---|---|---|-------|---|---|---|

| | | | | | | | | | | |
|---------------|---|---|---|---|---|---|-------|---|---|---|
| 500 and above | " | " | " | " | " | " | ..1.1 | " | " | " |
|---------------|---|---|---|---|---|---|-------|---|---|---|

Installations of 200 h. p. or over. No discounts.

Less than 50 hr. monthly use of max. demand..3.0 cts. per kw-hr.

| | | | | | | | | | | |
|-----------|---|---|---|---|---|---|-------|---|---|---|
| 50 to 100 | " | " | " | " | " | " | ..2.0 | " | " | " |
|-----------|---|---|---|---|---|---|-------|---|---|---|

| | | | | | | | | | | |
|------------|---|---|---|---|---|---|-------|---|---|---|
| 100 to 200 | " | " | " | " | " | " | ..1.5 | " | " | " |
|------------|---|---|---|---|---|---|-------|---|---|---|

| | | | | | | | | | | |
|------------|---|---|---|---|---|---|-------|---|---|---|
| 200 to 300 | " | " | " | " | " | " | ..1.3 | " | " | " |
|------------|---|---|---|---|---|---|-------|---|---|---|

| | | | | | | | | | | |
|------------|---|---|---|---|---|---|-------|---|---|---|
| 300 to 400 | " | " | " | " | " | " | ..1.2 | " | " | " |
|------------|---|---|---|---|---|---|-------|---|---|---|

| | | | | | | | | | | |
|------------|---|---|---|---|---|---|-------|---|---|---|
| 400 to 500 | " | " | " | " | " | " | ..1.1 | " | " | " |
|------------|---|---|---|---|---|---|-------|---|---|---|

| | | | | | | | | | | |
|---------------|---|---|---|---|---|---|-------|---|---|---|
| 500 and above | " | " | " | " | " | " | ..1.0 | " | " | " |
|---------------|---|---|---|---|---|---|-------|---|---|---|

Street Lighting.

None.

UNION GROVE.

(Population, 616.)

UNION GROVE ELECTRIC COMPANY.

Method of generation, oil engines and storage batteries.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month \$1.00.

Current 15 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

39—150 watt, 220 volt d. c. multiple tungsten lamps burning on a moonlight dusk to 11 p. m. schedule. Rate \$30 per lamp per year.

ORNAMENTAL:

None.

VALDERS.

(Population, 375.)

OSLO POWER & LIGHT CO.

Method of generation, hydraulic.

Daily operating period.

Commercial Lighting.**METER RATES:**

Minimum monthly bill, \$1.25.

100 kw-hr. or less, 12 cts. per kw-hr.

101 kw-hr. to 200, 10 cts. per kw-hr.

Over 200 kw-hr., 8 cts. per kw-hr.

Commercial Power.

250 kw-hr. or less, 8 cts. per kw-hr.

251 to 600 kw-hr., 6 cts. per kw-hr.

601 to 1000 kw-hr., 5 cts. per kw-hr.

1001 kw-hr. or over, 4 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

12—60 watt, 115 volt a. c. multiple tungsten lamps. System installed by business men and they pay for service at regular lighting rate. Period of operation controlled by business men.

ORNAMENTAL:

None.

VERNON, TOWN OF

(Waukesha County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule see M. L. H. & T. Co., Milwaukee, Part III.)

VIOLA.

(Population, 671.)

VIOLA LIGHT & POWER COMPANY.

Method of generation, hydraulic.

Daily operating period 5:00 a. m. to 12:00 midnight.

Commercial Lighting.

Minimum bill 75 cts. per month.

Energy:

13 cts. gross or 12 cts. net per kw-hr. for the first 20 kw-hr. consumed per month.

10 cts. gross or 9 cts. net per kw-hr. for the next 30 kw-hr consumed per month.

7 cts. gross or 6 cts. net per kw-hr. for all over 50 kw-hr. consumed per month.

Commercial Power.

Minimum bill 75 cts. per month for the first h. p. or fraction thereof, and 50 cts. for each additional h. p.

Energy:

7 cts. gross or 6 cts. net for first 100 kw-hr. per month.

6 " " 5 " " " next 200 " " "

4 " " 3 " " " 200 " " "

3 " " 2 " " " all over 500 kw-hr. per month

Discount.

The company will bill all consumers at the gross rate and the difference between the gross and the net rate or one cent per kw-hr. shall constitute a discount for payment on or before the 15th of the month.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

55—60 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight midnight schedule. Rate \$20 per lamp per year.

ORNAMENTAL:

None.

VIROQUA.

(Population. 2,059.)

VIROQUA ELECTRIC LIGHT COMPANY.

Method of generation, steam and producer gas.

Daily operating period, dusk to dawn and two forenoons each week.

Commercial Lighting.

Minimum bill \$1.00 per month.

First 50 kw-hr. per month 15 cts. per kw-hr.

Next 50 " " " 12½ " " "

All over 100 " " " 10 " " "

Vernon County Insane Asylum, 10 cts. per kw-hr., minimum monthly bill \$20.

Vernon County Poor Farm, 10 cts. per kw-hr., minimum monthly bill \$5.00.

Commercial Power.

OFF-PEAK SERVICE:

Minimum bill \$1.00 per h. p. per month.

First 100 kw-hr. per month 10 cts. per kw-hr.

Next 400 " " " 8 " " "

Next 500 " " " 6 " " "

Excess " " " 4 " " "

It is understood by off-peak service that current should not be used for power from 4:30 p. m. to 10 p. m. during the months of October to March inclusive and from 6 p. m. to 10 p. m. during April to September, inclusive.

ON-PEAK SERVICE:

On-peak service rate to be 1 ct. in advance of above in each case.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines

Street Lighting.**GENERAL:**

124—60 c. p., 6.6 ampere a. c. series gas filled tungsten lamps burning all night every night. Rate \$26.10 per lamp per year.

ORNAMENTAL:

22 posts, 6 to 9 posts to block, staggered; 1—400 c. p., 15 ampere gas filled tungsten lamp on each post; 10 lamps burn all night every night, rate \$100 per lamp per year; 12 lamps burn every night until 11:30, rate \$50 per lamp per year. System installed by city. City pays for service. Utility bears cost of maintenance.

WABENO.

(Population, 700.)

WABENO LIGHTING COMPANY.

Method of generation, steam.

Daily operating period, dusk to dawn.

Commercial Lighting.

Minimum charge per month \$1.00.

| | | |
|----------|---------------------|---------------------|
| First | 25 kw-hr. per month | 12½ cts. per kw-hr. |
| Next | 25 " " " " | 11 " " " |
| Next | 50 " " " " | 10 " " " |
| Next | 100 " " " " | 9 " " " |
| All over | 200 " " " " | 8 " " " |

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

12—400 c. p., 6.6 ampere, a. c. series tungsten lamps, burning on a moonlight midnight schedule. Rate \$50 per lamp per year.

ORNAMENTAL:

None.

WALWORTH.

(Population, 755.)

SOUTHERN WISCONSIN ELECTRIC CO.

Method of generation, steam and hydraulic.

Daily operating period, continuous.

Part I**Commercial Lighting.****STANDARD RATE.**

Primary—15 cts. net, 16 cts. gross per kw-hr. for the first 30 hours' use per month of active load.

Secondary—13 cts. net, 14 cts. gross per kw-hr. for the next 60 hours' use per month of active load.

Excess—7 cts. net, 8 cts. gross per kw-hr. for all in excess of 90 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

Class A shall include residences, dwellings, flats, rooming houses, hotels, sanitariums, hospitals, Y. M. C. A., and clubs in which

meals and rooms are furnished. In this class 60 per cent of the first 500 watts connected, and $33\frac{1}{3}$ per cent of all in excess of 500 watts connected shall be deemed active if the connected load is equivalent to 50 watts or more per opening. If the connected load is equivalent to less than 50 watts per opening, 60 per cent of the first 500 watts connected, $33\frac{1}{3}$ per cent of the next 1500 watts connected, and 20 per cent of all in excess of 2,000 watts connected shall be deemed active.

Class B shall include banks, offices, stores, shops, saloons, billiard and pool halls, depots, theaters, lodge rooms, and clubs not includable in Class A. In this class 70 per cent of the first 2.5 kw. connected and 55 per cent of all in excess of 2.5 kw. connected shall be deemed active.

Class C shall include public buildings, schools, churches, factories, warehouses, stables, and garages. In this class, 55 per cent of the total connected load shall be deemed active. For all lighting installations exceeding 5 kw. connected load, the active load shall, at the consumers' option, be determined by maximum demand meters. The connected load shall be represented by the total wattage of lamps connected.

Minimum Charge:

| | | | |
|-------------|--------------------|--------|-----------|
| Under 1 | kw. connected load | \$0.60 | per month |
| From 1 to 2 | " | .80 | " " |
| From 2 to 5 | " | 1.25 | " " |
| Over | 5 | 2.25 | " " |

OPTIONAL RATE.

Optional with Standard Rate to all consumers on optional rate

July 1st, 1916, electing to remain on same.

Commercial Lighting—12 cts. per kw-hr.

Residential Lighting—14 cts. per kw-hr.

FLAT RATE SERVICE:

For window lighting, sign lighting and other lighting on company's patrol service or controlled by time switch set by the company:

$1\frac{1}{2}$ cts. per month per watt connected less 10 per cent discount if bills are paid within 10 days after date of billing.

Commercial Power.

STANDARD RATE.

Primary— $7\frac{1}{2}$ cts. net, $8\frac{1}{2}$ cts. gross per kw-hr. for the first 15 hours' use per month of active load.

Secondary— $5\frac{1}{2}$ cts. net, $6\frac{1}{2}$ cts. gross per kw-hr. for the next 30 hours' use per month of active load.

Excess—3 cts. net, 4 cts. gross per kw-hr. for all in excess of 45 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

90 per cent of the first 10 h. p. installed shall be deemed active

75 " " next 20 " " " " " "

60 " " " 30 " " " " " "

50 " " " 60 " and over " " " "

Minimum Charge: 75 cts. per month for the first horse power connected and 25 cts. per month for each additional horse power connected.

For power used during off-peak hours and measured on the primary side of the power transformers, or if primary motors are used, installation to be 50 h. p. or above; regular power rate with 4 cts. per kw-hr. maximum price guarantee.

OPTIONAL RATE.

Optional with standard rate to all consumers on optional rate
July 1st, 1916, electing to remain on same.

| | | | | |
|---|------|------------|--------------------------|-----------|
| 6 | cts. | per kw-hr. | for the first 100 kw-hr. | per month |
| 5 | " | " | next 400 | " |
| 4 | " | " | for all over 500 | " |

Cooking and Heating.

Primary—10 cts. net, 10½ cts. gross per kw-hr. for the first 10 kw-hr. used per month.

Secondary—2½ cts. net, 3 cts. gross per kw-hr. for all over 10 kw-hr. used per month.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Minimum Charge: \$24.00 per year up to and including 6 kw. of aggregate connected load.

\$4.00 per year for each additional kw. of aggregate connected load.

Wholesale Light and Power.

Primary Charge—\$2.40 per month per kw. of maximum demand up to and including 50 kw. \$2.00 per month per kw. of maximum demand over 50 kw.

Secondary Charge—5 cts. per kw-hr. for the first 1,000 kw-hr. used per month.

3 cts. per kw-hr. for the next 4,000 kw-hr. used per month

1.1 " " " next 25,000 " " "

0.9 " " " for all over 30,000 " " "

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

The company shall have the right at any time to require the customer to make a reasonable deposit in advance to secure the payment of bills, such deposit if requested by the customer, to bear interest as provided in receipt issued by the company.

Part II

Rates for all year service outside village limits. See Part II of Delavan schedule.

Part III

Rates for summer service. See Part III of Delavan schedule.

Street Lighting.**GENERAL:**

112—80 c. p., 6.6 ampere, a. c., series, gas filled tungsten lamps, burning every night from dusk to midnight. Rate \$10.44 per lamp per year.

ORNAMENTAL:

None.

WARRENS.

(Population, 250.)

GEO. WARREN CO.

Method of generation, kerosene.

Daily operating period, sunset to 11 p. m.; 5:30 a. m. to sunrise.

Commercial Lighting.

FLAT RATE of 20 cts. per 40 watt lamp per month. If only a few lamps are used the rate is 1 ct. per watt per month.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

6—60 watt, 220 volt d. c. multiple tungsten lamps burning from dusk to 11 p. m. Service furnished by company partly as a protection to its property. Commercial lighting rates apply.

ORNAMENTAL:

None.

WASHBURN.

(Population, 3,830.)

WASHBURN ELECTRIC LIGHT & POWER CO.

Method of generation, current purchased.

Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

Minimum monthly charge, \$1.00.

Residences, hotels and offices, 10 cts. per kw-hr. no discount.

Stores, saloons, billiard rooms, etc.

1st 2 hrs. use per day of total installation, 10 cts. per kw-hr.

2nd 2 " " " " " " 8 " "

Balance 6 " "

Commercial Power.

Minimum monthly charge \$1.00 for the first h. p. and \$0.50 for each additional h. p.

First 10 kw-hr. per month per h. p. 8 cts. per kw-hr.

Next 20 " " " " 6 " "

All over 30 " " " " 3 " "

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

28—100 c. p. and 8—200 c. p., 6.6 ampere a. c. series gas filled tungsten lamps burning on a moonlight midnight schedule. Service paid for at commercial lighting rate.

ORNAMENTAL:

System in course of installation.

WATERFORD.

(Population, 581.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For commercial rate schedule see M. L. H. & T. Co., Milwaukee, Part I.)

Street Lighting.**GENERAL:**

38—60 c. p., 6.6 ampere a. c. series tungsten lamps burning all night every night. Rate \$25.80 per lamp per year.

6—200 c. p., 6.6 ampere a. c. series tungsten lamps burning all night every night. Rate \$51.60 per lamp per year.

ORNAMENTAL:

None.

WATERFORD, TOWN OF

(Racine County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule, see M. L. H. & T. Co., Milwaukee, Part III.)

WATERLOO.

(Population, 1,220.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous except Sunday when plant closes from 2 p. m. to 5 p. m.

Commercial Lighting.

For all lighting service furnished residences and businesses (hereinafter specifically referred to as Classes A, B, and C) including the incidental use of appliances for heating and power used on lighting circuits and passing through the same meter, a charge of

Primary rate: 12 cts. net, or 13 cts. gross, per kw-hr. for the first 30 hours' use per month of the active load.

Secondary rate: 10 cts. net, or 11 cts. gross, per kw-hr. for the next 60 hours' use per month of the active load.

Excess rate: 8 cts. net, or 9 cts. gross, per kw-hr. for all over 90 hours' use per month of the active load.

The active load shall in each case be a fixed percentage of the total connected load of the lamps installed on the consumers' premises, excluding appliances.

Class A includes residences, dwellings, flats, and private rooming houses. Where the total connected load is equal to or less than 500 watts nominal rated capacity, 60 per cent of such total connected load shall be deemed active; where the installation exceeds 500 watts nominal rated capacity, 33⅓% of such a part of the total connected load over and above 500 watts shall be deemed active.

Class B includes banks, offices, stores, barber shops, saloons, halls and lodges, theaters, moving picture houses, restaurants, and all other consumers not herein otherwise specifically provided for. In this class 70 per cent of the connected load shall be deemed active.

Class C includes schools, churches, public buildings, hotels, small industrial establishments, blacksmith shops, stables, garages, bowling alleys and parks. In this class, 55% of the connected load shall be deemed active.

Minimum bill 75 cts. per month. Where the utility is unable to read a meter after reasonable effort, the fact will be plainly indicated upon the monthly bill, the minimum charge assessed, and differences adjusted with the consumer when the meter is again read.

Cooking Rate.

Minimum charge per month \$2.00.

Current 3 cts. per kw-hr.

Commercial Power.

For current used for power purposes, the rate shall be:

Demand charge: 50 cts. per month for the first h. p. or fraction thereof, and 50 cts. for each additional h. p. of connected load.

Energy charge:

| | | | |
|-------------|-------------------|----------------------------|------------|
| First | 50 kw-hr. per mo. | 7 cts. net or 8 cts. gross | per kw-hr. |
| Next | 100 | 6 | " |
| " | 350 | 5 | " |
| " | 1,000 | 3.5 | " |
| " | 3,500 | 3 | " |
| " | 5,000 | 2.5 | " |
| Over 10,000 | " | 2 | " |

Limiting rates.—The maximum rate for power shall, however, not exceed 10 cts. per kw-hr., nor shall the minimum monthly bill be less than \$1.00 for the first h. p. or fraction thereof and 25 cts. for each additional h. p. of connected load.

EMERGENCY SERVICE:

The rate for emergency service shall be the same as the regular power rate except that the limiting rates shall not apply.

SEASONAL SERVICE:

The rate for service furnished only during a part of each year shall be 12 cts. net, or 13 cts. gross, per kw-hr.

Discount for Prompt Payment:

The utility will bill all consumers at the gross rate, and the difference between the gross and net rates above specified, or 1 ct. per kw-hr., shall constitute a discount for payment on or before the 15th of the month.

In case bills are not paid by the end of the month the delinquent customers will be required to make a deposit of not less than \$2.50 to insure the payment of any subsequent bill.

Reconnection of Meters:

For the reconnection of a meter for the same consumer upon the same premises a charge of \$1.00 will be made.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

91—150 watt, 110 volt a. c. multiple tungsten lamps burning on an all-night moonlight schedule. Rate \$24.00 per lamp per year.

6—250 watt, 100 volt a. c. multiple tungsten lamps burning on an all-night moonlight schedule. Rate \$36 per lamp per year.

5—400 watt, 110 volt a. c. multiple tungsten lamps burning on an all-night moonlight schedule. Rate \$49.80 per lamp per year.

80—15 watt, 110 volt a. c. multiple tungsten lamps burning 420 hours per year. Rate \$60 per year for the arch containing these lamps.

ORNAMENTAL:

None.

WATERTOWN.

(Population, 8,829.)

WISCONSIN GAS & ELECTRIC COMPANY.

Method of generation, hydraulic and current purchased.

Daily operating period, continuous.

I. STANDARD RATE.

The customers signing the company's standard form of contract, providing for service for one year or more, the charge for electric service shall be computed on the following basis:

Demand Charge:

| | | |
|------|--|--------------------|
| \$42 | per year for each kw. of demand of the first | 10 kw-hr. |
| 30 | " " " " " " | next 50 " |
| 24 | " " " " " " | " 140 " |
| 18 | " " " " " " | in excess of 200 " |

Payable in equal monthly installments, plus an energy charge as follows:

Energy Charge:

| | | | | | | |
|-----|---------------------------|-------------------------------------|--|--|--|--|
| 4 | cts. per kw-hr. for first | 1,000 kw-hr, consumption during mo. | | | | |
| 3 | " " " next | 3,000 " " " " | | | | |
| 2 | " " " " " | 6,000 " " " " | | | | |
| 1½ | " " " " " | 40,000 " " " " | | | | |
| 1.3 | " " " all in excess of | 50,000 kw-hr. | | | | |

1. The foregoing rate shall apply to all customers utilizing company's electric service for lighting and receiving free renewals of company's standard lamps.
 2. The foregoing rate less ½ ct. per kw-hr. shall apply to all customers utilizing company's service and not receiving free renewals of company's standard lamps.
- (A) ELECTRIC LIGHTING:
1. This service will include:
 - (a) Electric energy furnished for lamps and other appliances utilized for illumination purposes, except as hereinafter specifically exempted.
 - (b) Motors and appliances other than lighting equipment where provided with a starting apparatus designed to limit the initial or starting current to a value not exceeding 2½ times the full load current, alternating current motors of ¼ h. p. when wound for 110 volts and of ½ h. p. when wound for 220 volts, the aggregate rated capacity of such appliances not to exceed 2 kw., will be included in this class when used in connection with lighting equipment and when the connected load of such motors and appliances does not exceed the aggregate rated capacity of lighting equipment.
 2. Should the conditions of use of customer's demand be obviously such that he would never earn a lower rate under the Standard than under the Increment Rate Schedule, the Increment Rate Schedule set forth in Section II hereof shall apply. (Contract Form No. 759—Wa.) The Increment Lighting Schedule is optional with the Standard Rate.
 3. In the application of the Standard Rate one integrating watt meter only shall be provided for the measurement of energy, unless accuracy of measurement requires the installation of more than one meter. Where demand meters are installed, only one set of meters shall be used, and the arithmetical sum of their readings shall be used in computing demand.
 4. (a) Exclusive lighting customers having installations of 2 kw. or less shall purchase service providing for free lamp renewals.
 (b) In exclusive lighting installations of more than 2 kw. connected, it is optional with the customer whether he shall take the rate providing for free lamp renewals.
 (c) In exclusive lighting installations of more than 2 kw. connected and where customer desires to contract for service without free lamp renewals, the energy charge shall be ½ ct. per kw-hr. less than that provided above and Contract Form No. 1938—Wa. shall be endorsed "Without Renewals of Lamps."
 5. The maximum rate of charge for energy for lighting service is set forth in Section II.
 6. The following table shows the various contract forms under which commercial electric lighting service is sold, and the application of such forms in the various classes of service:

| Form No. | Title | Application |
|----------|---|---|
| 759—Wa. | Contract for Electric Service | (a) Lighting under Increment Schedule with free renewals of company's standard lamps. |
| 759—Wa. | | (b) "Short Time" lighting service. |
| 759—Wa. | | (c) Not to be used for power service. |
| 1938—Wa. | Contract for Commercial electric service. | (a) Commercial lighting under standard rate with renewals of company's standard lamps. |
| 1938—Wa. | | (b) Commercial lighting service over 2 kw. under standard rate, without renewals of company's standard lamps when endorsed "Without Renewals of lamps." |

(B) POWER:

1. This service will include:

- (a) Electric energy utilized for motive and heating purposes and for miscellaneous lighting service required and utilized incident to the purposes for which the power is used, providing the demand arising from such miscellaneous and incidental lighting service shall not be in excess of 20% of the total simultaneous demand for lighting and power service.
- (b) Stereopticons, moving picture machines, photographers' arc lamps and rectifiers shall be classed as power equipment.
(In office and apartment buildings, miscellaneous lighting service is defined to consist exclusively of hall, corridor, and lavatory lighting and the illumination of the mechanical equipment of the building.)

2. In the practical application of the standard rate, it is found that customers divide themselves generally into two classes—one in which the demand and hours use is so small that they receive no advantage under the standard rate, and the other class in which the standard rate results in a lower unit cost than the increment schedule. In the case of unlimited, or on-peak service, all contracts for demands of 222 kw. or less and requiring an average use of the demand of about 240 hours per month should be written under the increment rate schedule. (Contract form No. 1945—Wa.) Contracts for demands in excess of 222 kw. and 240 hours use per month should be written under the Standard Rate. (Contract form No. 1968—Wa.)

3. Where service for lighting or other application requiring single-phase current is desired by customer, to be supplied through meter measuring energy as polyphase power service, the unbalancing of the phases of the polyphase service arising from the use of the service for lighting or other purposes shall not exceed 10% of the demand in kw. contracted for or measured. The power factor of such unbalanced single-phase load shall not be less than 75%. Should customer's demand for single-phase service exceed the above, the same shall be divided as nearly as practicable to obtain a balanced condition of the polyphase service. Customer may contract for single-phase requirements in excess of 10% of the polyphase demand as a separate single-phase service. Where miscellaneous lighting service is supplied through the same meter as "power" service (B), customer shall be required to supply apparatus for rendering available 120 volts for lighting service, if such be required.

4. Optional or Increment Rate for Power Service:

To customers contracting on company's standard form to use service specified as power for periods of one year or more and who actually so use such service, the charge for electric power service shall be computed at the following rates:

First 200 kw-hr. during any month 6 cts. per kw-hr.

Next 200 " " " " 5 " " "

" 200 " " " " 4 " " "

" 1400 " " " " 3 " " "

All energy in excess of 2000 kw-hr. during any month 2 cts. per kw-hr.

(a) The foregoing optional rate for power does not include renewals of any incandescent lamps.

(b) The foregoing rate is subject to the minimum monthly payments specified in Section II, (B), 3.

5. The following table shows the various contract forms under which power service is sold, and the application of such forms to the various classes of service.

| Form | Title | Application |
|----------|--|---|
| 1945—Wa. | Contract for Electric Power service, yearly increment rate. | Power and miscellaneous light where demand and energy consumption are small or less than about 222 kw. at 240 hrs. per month use of demand. |
| 1946—Wa. | Contract for Electric Power service—Short time increment rate. | Power and miscellaneous light. |
| 1968—Wa. | Electric Power Agreement. | Power and miscellaneous light under Standard Rate. |

(C) COMBINED LIGHTING AND POWER SERVICE:

This service will include electric energy specified as "Lighting" (A), and electric energy specified as "Power" (B), where such combination service is supplied through the same meter.

(D) LIMITED OR OFF-PEAK SERVICE:

The foregoing rates for "Lighting" service (see "A"), "Power" service (see "B"), and "Combined lighting and power service" (see C), less one-half of the demand charge, shall apply to customers contracting to utilize and utilizing the service only at times during the calendar day other than during the hours of the month, specified as follows:

| Month | Hours during which service shall not be used. |
|----------------|---|
| October | 5:30 p. m. to 7:00 p. m. |
| November | 5:00 p. m. to 7:00 p. m. |
| December | 4:30 p. m. to 7:00 p. m. |
| January | 4:40 p. m. to 7:00 p. m. |
| February | 5:20 p. m. to 7:00 p. m. |
| March | 6:00 p. m. to 7:00 p. m. |

In case customer desires to use service during the specified "off-peak" hours and upon giving the company one hour's notice of such intent, he shall be permitted to use service on any day of the week except Saturday and Sunday, and for each day power is so used customer shall pay:

| | | |
|-------------------------------------|------------|--------|
| For each kw. of demand of the first | 10 kw. | \$0.17 |
| " " " " " " | next 50 " | .12 |
| " " " " " " | next 140 " | .10 |
| " " " " " " | excess | .07 |

The demand so paid for shall be that as measured if it exceeds the off-peak demand contracted for or otherwise paid for during the current month.

1. Customers shall install and maintain in operating condition an automatic time switch of the type approved by the company.
2. Service under the off-peak schedule for demands of less than 10 kw. will not be solicited or recommended, but will be sold on application. The saving to the customer is small and the complication introduced greater than that warranted by the saving in cost of service.
3. In many cases, customers signing Limited Service contracts will require some service for lighting during the hours that service is not available under this schedule. In such cases contract shall include a small demand under the Unlimited Service schedule, and all energy supplied under both schedules shall be measured by one meter. In computing the demand charge and the application of the four steps of the demand charge hereto, the demand charge for the Unlimited Service shall first be computed and the charge for the Limited Service shall be continuous thereafter. For example, if the customer contracts to purchase 10 kw. of Unlimited Service and 50 kw. of Limited Service, the monthly demand charge is computed as follows:

| | |
|-----------------------|---------|
| 10 kw. at \$3.50..... | \$35.00 |
| 50 kw. at 1.25..... | 62.50 |
4. Limited or Off-peak service shall be sold only on annual contracts. On-peak service to supplement off-peak service during the off-peak hours shall not be sold at the short time or increment rate.
5. The following table shows the various contract forms under which power service is sold, and the application of such forms to the various classes of service:

| Form No. | Title | Application |
|----------|---|---|
| 1964—Wa. | Limited electric power agreement. | (a) Off-peak power service. |
| 1974—Wa. | Combined unlimited and limited electric power agreement. | (a) Combined "on" and "off" peak power and miscellaneous lighting. |
| 2377—Wa. | Combined unlimited and limited commercial and electric light and power service. | (a) Combined "on" and "off" peak commercial lighting and miscellaneous power. |

(E) TEN-SEVEN SERVICE:

The foregoing rates for "Power" service "B" less three-fourths of the demand charge shall apply to all customers contracting to utilize and utilizing company's service only during the hours 10:00 p. m. to the following 7:00 a. m. Customer shall install and maintain in operating condition an automatic time switch of the type approved by the company.

1. Contract form No. 1971—Wa. shall be used for "Ten-seven" power service.

(F) UNLIMITED BREAK-DOWN SERVICE:

The foregoing rates for "Lighting and power" service (C) under unlimited service, shall apply for break-down or emergency service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the company. It shall be set to

open when the demand exceeds 125% of the kilovoltampere demand contracted for.

1. Contract form No. 1969—Wa. shall be used for "Unlimited Break-down Service."

(G) LIMITED BREAK-DOWN SERVICE:

The foregoing rates for "Lighting and power" service (C) under Limited or Off-peak Service, shall be furnished for break-down or emergency service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the company. It shall be set to open when the demand exceeds 125% of the kilovolt-ampere demand contracted for.

1. Contract form No. 1970—Wa. shall be used for "Limited Break-down Service."

(H) LIMITED SUMMER POWER SERVICE:

To customers signing the company's form of agreement providing for limited service during the months of May, June, July and August the following rates shall apply:

| | |
|--------------------------------------|--------|
| For each kw. of the first 10 kw..... | \$1.75 |
| For each kw. of the next 50 kw..... | 1.25 |
| For each kw. in excess of 60 kw..... | 1.00 |

In addition to said demand charge, customer shall pay at the end of each month for all energy used, at the rates set forth in the following schedule:

| |
|--|
| 4½ cts. per kw-hr. for first 100 kw-hr. consumption during month; |
| 3½ cts. per kw-hr for next 900 kw-hr. consumption during month; |
| 2½ cts. per kw-hr. for next 3,000 kw-hr. consumption during month; |
| 1½ cts. per kw-hr. for next 6,000 kw-hr. consumption during month; |
| 1 ct. per kw-hr. for all energy in excess of 10,000 kw-hr. consumption during month. |

II. MAXIMUM RATE FOR LIGHTING SERVICE AND MINIMUM PAYMENTS

A. MAXIMUM RATE FOR LIGHTING SERVICE.

1. The maximum rate of charge for commercial electric lighting service (Section 1, "A") during any month shall not exceed:

| | |
|-----------------------------------|---------------------|
| First 100 kw-hr. during any month | 12 cts. per. kw-hr. |
| Next 100 " " " " | 10 " " " |
| Next 100 " " " " | 8 " " " |
| Next 300 " " " " | 6 " " " |
| All over 600 " " " " | 4 " " " |

2. The foregoing rates are subject to prompt payment discount and include free renewals of company's standard carbon filament lamps and renewal allowances on tungsten or other special lamps.
3. Customers may purchase service without lamp renewals, in which case these rates per kw-hr. shall be reduced ½ ct.
4. The foregoing limitation of the maximum rate of charge for commercial electric lighting service applies only to exclusively commercial lighting customers and shall not apply to any customer purchasing service for combined lighting and power, break-down service, or combined unlimited and limited service.

B. MINIMUM MONTHLY PAYMENTS.

1. The minimum monthly payment to be made by any customer, except customers purchasing exclusively electric lighting service, or power service at the optional or increment power rate, shall be the monthly installment of the annual demand charge.
2. A minimum monthly bill shall be charged of 50 cts. net to customers having connected loads of 300 watts or less and \$1.00 to customers having connected loads in excess of 300 watts, to cover such expenses occasioned by the individual customer as billing, inspecting and maintaining meter and service connections, etc. In addition to such minimum bill a charge of \$1.50 shall be made for each arc lamp installed.
3. A minimum yearly charge shall be paid by customers purchasing power service under the increment rate for power of \$18.00 for an installation of 2 h. p. or less nominal rated capacity, plus a yearly charge of \$9.00 for each additional h. p. or fraction thereof nominal rated capacity. The yearly minimum charge shall be payable in 12 equal monthly installments, unless the sum of the monthly bills rendered by the company to customer, including current month's bill, during the then expired month of customer's contract period has equaled or exceeded the corresponding accumulated monthly installments of the yearly minimum charge. The customer shall not be required to pay monthly installment of the yearly minimum charge when the accumulated bills rendered to customer by company for service for twelve months ended with the current month equal or exceed the yearly minimum charge.
4. A minimum yearly bill for any power customer having an installation of 2 h. p. or less and purchasing service either under the standard or under the optional or increment rate shall be charged of \$18.00.

III. MEASUREMENT OF DEMAND

The demand is defined as the greatest rate at which electrical energy is used by the customer within any period of fifteen consecutive minutes during the contract year, subject to the methods of determining demand hereinafter specified.

A. LIGHTING SERVICE.

1. For lighting installations of 2 kw. or less, the demand shall be assessed as 100% of the first 300 watts, plus 66⅔% of the connected load in addition to the first 300 watts.
2. Where the demand is assessed all standard sockets not containing lamps shall either be removed or sealed by the company, or counted at 50 watts each. Larger sockets and receptacles shall be rated at 100 watts each.
3. For installations of over 2 kw. the demand shall be measured by permanently installed demand meters, or by monthly readings taken during the normal peak demand of the service. Such readings may be ascertained at the option of the company by counting revolutions of the watt meter disc, or by printing quarterly hourly readings of the watt meter, or by a graphic recording watt meter, or by the so-called Wright demand meter.

B. POWER SERVICE.

1. The maximum demand upon which the monthly charge for power service (see B) is based shall not be less than 75% of the highest demand ascertained during the period of twelve months ended with the current month.
2. For power installations of 2 kw. connected or less, the demand shall be assessed as 75% of the connected load, as indicated by the manufacturer's rating.

C. TEMPORARY ASSESSMENT OF DEMAND.

In installations in excess of 2 kw. connected, where customer is connected for service during a month which the maximum measured demand shall be less than the probable demand obtaining during November, December, January or February, the demand will be assessed in accordance with the following rules, and such assessed demand will be corrected as soon as the actual demand for the year has been measured, and the difference in the demand rate billed upon the assessed or estimated demand, and the demand rate based upon the actual or measured demand shall be credited to the customer or paid by the customer as the case may be.

1. In Class "1" customers (Lighting Service) the assessed demand shall be determined as follows:

100% of the first 300 watts connected;
 66⅔% of the next 1700 watts connected;
 55% of all in excess of the first 2,000 watts connected.

Class "1" customers shall include all lighting customers except those designated as Class "2".

2. In Class "2" customers (Lighting Service) the assessed demand shall be determined as follows:

100% of the first 300 watts connected;
 66⅔% of the next 1700 watts connected;
 40% of all in excess of the first 2,000 watts connected.

Class "2" customers shall consist of federal and county buildings, churches and missions, hotels and clubs, factories (including small industrial establishments such as machine shops, carpenter shops, blacksmith shops, tin shops and cigar factories closing not later than 6 p. m.) private and parochial schools, grain and tobacco elevators and warehouses, freight and storage warehouses, stables and garages, both private, boarding and livery, and furniture stores occupying two or more floors above street level.

3. In Class "3" (Power Service) the assessed demand shall be determined as a percentage of the total connected load as indicated by the manufacturer's rating:

Where installations are under 10 h. p. 75%;
 " " " over 10 h. p. and less than
 50 h. p. 65%;
 " " " " 50 h. p. 55%

4. If customer's connected load is permanently decreased, the demand charge shall be reduced accordingly. Where customers connected load is 2 kw. or less, the demand shall be reassessed. If customer's load is in excess of 2 kw. the demand is determined by measurement and the time at which the change in connected load occurs will influence the basis upon which the new demand charge will be determined. If the customer's connected load is reduced prior to December 15, of the customer's contract year, the demand may be remeasured and the new demand so ascertained be taken as the basis of the demand charge for the remaining portion of the customer's contract year. If the customer's installation be reduced subsequent to December 15 of the customer's contract year, then the new demand charge shall be determined upon the basis of the temporary assessed demand as provided in the preceding paragraphs, and such assessed demand will continue to be the basis upon which the customer shall be billed for service until a new demand shall be ascertained by measurement during the months of November, December, January and February following.

IV. RESIDENCE LIGHTING SERVICE

To customers contracting for residence electric service with free renewals of company's standard lamps for periods of one year or more, the following rate shall apply:

(A) *Primary charge* of 12 cts. per kw-hr. for:

1. The first 4 kw-hr. consumed per month for each of the first four active rooms;
2. The first $2\frac{1}{2}$ kw-hr. consumed per month for each of the active rooms in excess of the first four.

All rooms, except the following, shall be computed as active:

Three rooms (which are primarily or may be used as bedrooms, including therein finished attic or garret room) basements, bathrooms, garrets, closets and back porch.

(B) *Secondary charge* of 5 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate in (a) up to a total of 7 kw-hr. consumed per month per active room.(C) *Tertiary charge* of 2 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate (a) and the secondary rate (b) or for all energy consumed in excess of 7 kw-hr. per active room per month.

1. The quantity of energy paid for at the primary rate (a) is not included in the energy computed at the secondary rate (b) or at the tertiary rate (c).
2. In determining the number of active rooms, all rooms whether containing lights or not shall be counted, except the following: three rooms (which are primarily or may be used as bedrooms, including therein finished attic or garret rooms), bathrooms, basements, garrets, closets and back porch.
3. A room used as a childrens nursery or work room and containing a couch sometimes used as sleeping quarters is not classed as a bedroom.
4. Halls and hallways used and furnished as reception and living rooms and having an area in excess of 120 square feet are classed as active rooms.
5. A part of a room not cut off by partition and door, which is generally known as an alcove, shall not be counted as an additional active room unless it is furnished and used for a distinctly different purpose or its area exceeds $33\frac{1}{3}\%$ of the total area of the room and alcove.
6. Front, side and back porches with or without lights are not classed as active. Back porches are specifically excepted in rate schedules, as, in many cases, they are enclosed and used as a summer kitchen, or dining room, and as such might be taken as a room.
7. Where service for a barn or garage is supplied through the same meter as that through which service for the residence is supplied, all active rooms in garage or barn are added to those of the house and the rate applied.
8. Where separate meters are supplied, a garage or barn shall be treated as a separate residence.
9. All classes of domestic heating and power consuming devices may be supplied through the meter by which the lighting service is measured, in which case this rate shall apply.
 Battery charging outfits, refrigerating outfits, nonportable air compressors or vacuum cleaners, or similar apparatus not in use between the hours of 4:30 p. m. and 8:30 p. m., may be supplied through the residence meter.
 Motors or other power consuming devices, when connected to residence service meter, must conform to the following rules:

All such motors and devices must be equipped with starting and regulating apparatus to limit automatically the initial current in starting to an amount not exceeding $2\frac{1}{2}$ times the full load current as determined by manufacturer's rating. Motors or other devices having a rated capacity greater than $\frac{1}{2}$ kw. shall be wound for 240 volts and customer shall arrange building wiring and meter loops for three-wire service and meter.

10. Elevators and wireless telegraph apparatus using service intermittently shall not be supplied at residence rates or from residence service connection. Such apparatus must be supplied from power mains, and where a special extension of power service is required, customer shall pay the cost of the necessary extension in accordance with the rules of the company governing such extension of service. Customer shall contract for service for such apparatus at the company's regular power rates.
11. In apartment houses, each apartment shall be classed as a separate residence. The public portions of the building, such as hallways, elevators, and enclosures, public dining rooms and kitchens, pantries, etc., connected therewith shall be treated separately. Service for such portions of the building may be purchased either under the residence rates (IV) or the standard commercial lighting rates (I-A) at the option of the purchaser. If service is furnished at the residence rate (IV), the energy charge to be paid for monthly at the primary rate shall be computed upon the basis of one active room per floor (exclusive of basement), multiplied by the number of main entrances to the building, plus the rooms used as kitchens, building storerooms, pantries, dining rooms and offices. The active rooms in janitor's quarters, if supplied through the same meter as public portions of the building, shall be added. Janitor's quarters metered separately shall be treated as a separate residence.
12. The residence schedule shall not be applied to any apartment house wherein the landlord or agent is billed for the entire service consumed in the building and rebills the service to the occupants of the apartments. In such cases the increment lighting rate (II) shall be used.
13. The residence schedule shall not be applied to customers whose practice it is to have service cut off during the summer months. It shall be applied to only those who sign contracts providing for service by the year and who pay at least the minimum monthly payment provided for in the contract. When company is unable to read meters for any month or months, the quantity of energy to be paid for monthly at the primary rate shall be increased pro rata.
14. Customers occupying a portion of a business building as a residence may combine residence service with commercial lighting service through one meter. In no case, however, shall the residence rate be combined with the commercial lighting rate and residence rates cannot be applied to such combination service.

D. MINIMUM PAYMENTS.

To customers executing company's standard form of residence lighting contract at foregoing rates and using the service for periods of one year or more, the minimum charge shall be 50 cts. per month net.

E. The following shows the various contract forms under which residence service is sold and the application of each form:

Form No.

| | |
|--|---|
| 1956-Wa. Contract for Residence Lighting Service. | Residence service for periods of one year or more, Standard Rate. |
| 2399-Wa. Short Time Residence Electric Lighting Service. | Short time residence electric lighting service. |

V. FLAT RATE DISPLAY LIGHTING

Company will sell service for Flat Rate Display Lighting controlled by company on yearly contracts, on the following basis of monthly payments:

| | Dusk to 11 p. m. 1850 hrs. | Dusk to 12 p. m. 2200 hrs. |
|-------------------------|-------------------------------|-------------------------------|
| 200 watts or less | \$1.93 | \$2.17 |
| 300 watts | 2.90 | 3.25 |
| 400 watts | 3.87 | 4.33 |
| 500 watts | 4.83 | 5.42 |
| 600 watts | 5.80 | 6.50 |
| 700 watts | 6.78 | 7.58 |
| 800 watts | 7.73 | 8.67 |
| 900 watts | 8.70 | 9.75 |
| 1.0 kilowatts | 9.67 | 10.83 |
| 1.5 kilowatts | 14.50 | 16.25 |
| 2.0 kilowatts | 19.33 | 21.67 |
| 2.5 kilowatts | 24.17 | 27.08 |
| 3.0 kilowatts | 29.00 | 32.50 |
| 3.5 kilowatts | 33.83 | 37.92 |
| 4.0 kilowatts | 38.67 | 43.33 |
| 4.5 kilowatts | 43.50 | 48.75 |
| 5.0 kilowatts | 48.33 | 54.17 |
| 6.0 kilowatts | 58.00 | 64.00 |
| 7.0 kilowatts | 66.87 | 73.00 |
| 8.0 kilowatts | 75.00 | 82.00 |
| 9.0 kilowatts | 83.13 | 91.00 |
| 10.0 kilowatts | 91.25 | 100.00 |

1. The foregoing flat rates include renewals of carbon filament lamps only and include no other maintenance.
2. Company will contract for flat rate display lighting burning during hours other than those specified above, but not less than 1,100 hours per year, and the monthly bill therefor shall be computed as 1/12 of the annual bill determined by the application of the Standard Rate.
3. (a) Company will supply and install on yearly contracts renewals of Mazda sign lamps for flat monthly charge of 4 cts. per lamp installed. The foregoing applies to flat rate display lighting, or to the equivalent display lighting supplied on a meter basis, providing service is used not to exceed 2,250 hours per year. For such service as is used in excess of 2,250 hours per year the renewals will be furnished at a proportionately increased monthly charge per lamp. The customer shall purchase from the company the first installation of such lamps and all increases thereof, at the company's regular prices.
- (b) In case customer wishes to supply Mazda sign lamps in lieu of the carbon lamps, the renewals of which are furnished without charge by the company, customer may do so and

receive a reduction in the rate for service of 75 cts. and 90 cts. per month per kw. of capacity of Mazda lamps for 11 and 12 o'clock burning respectively.

- (c) Company will supply plain Mazda, 5 watt, 12 to 13 volt sign lamps, and supply renewals thereof, at a charge equivalent to \$12.00 per month per kw. of rated consumption of lamps installed. This charge is to be added to the contract rates, after deducting the allowance for carbon lamps.

Plain Mazda 2½ watt, 12 to 13 volt sign lamps will be similarly supplied at a charge equivalent to \$24.00 per month per kw. of rated consumption of lamps installed.

4. Where flashers are installed on signs the demand and use of lamps on circuits controlled by the flasher shall be taken at 75% of the rated consumption of such lamps.
5. (a) The company will contract to inspect, clean and paint signs once a year, put all renewals in place, and maintain flasher, if any, for 1 ct. per month for each 10 watt carbon or 5 watt Mazda lamp contained in sign.
- (b) On contracts providing for the renewals of Mazda sign lamps in accordance with paragraph 3 (a) hereof, company will contract to inspect, clean and paint signs once a year and maintain flasher, if any, for ½ ct. per month for each 5 watt Mazda lamp and 1 ct. per month for each 2½ watt Mazda lamp contained in sign.

VI. DISCOUNT FOR PROMPT PAYMENT

1. On bills paid at office of company or its authorized collection agencies within ten days of date of bill, a discount of 5% of the first \$25.00 of all bills and a 1% on amounts in excess of \$25 will be given.
2. On bills for electric service supplied to the federal, county and city governments, paid at the office of the company, or its authorized collection agencies, within 60 days of date of bill, the prompt payment discount provided for in the contract under which such service is sold will be allowed.

VII. SHORT TIME RATES

To customers obtaining service for periods of less than one year, the charge for electric service shall be computed according to the following schedules, subject in every case to the condition that customer shall reimburse the company for the cost of installing and removing necessary lines, services and meters:

A. COMMERCIAL LIGHTING SERVICE.

First 100 kw-hr. during any month 12 cts. per kw-hr.

Next 100 " " " " 10 " " "

Next 100 " " " " 8 " " "

Next 300 " " " " 6 " " "

All energy in excess of 600 kw-hr. during any month 4 cts. per kw-hr.

1. The foregoing rate includes free renewals of company's standard incandescent lamps and renewal allowances on tungsten or other special lamps.
2. When free renewals of company's standard lamps or renewal allowances on tungsten or other special lamps are not obtained by customer, contract for service shall be endorsed "without lamp renewals," and the foregoing rate shall be reduced one-half cent per kw-hr.
3. For reconnection of meter for the same customer upon the same premises a charge of \$1.50 shall be made.

B. RESIDENCE LIGHTING SERVICE.

1. The rate per kw-hr. for short-time residence electric lighting service, subject to the minimum monthly payment of 50 cts. during any month, shall not exceed 12 cts.
2. The foregoing rate includes free renewals of company's standard incandescent lamps and renewal allowances on tungsten or other special lamps.
3. For reconnection of meter for the same customer upon the same premises a charge of \$1.50 shall be made.

C. POWER SERVICE.

First 200 kw-hr. during any month 6 cts. per kw-hr.

Next 200 " " " " 5 " " "

Next 200 " " " " 4 " " "

All energy in excess of 600 kw-hr. during any month 3 cts. per kw-hr.

1. The foregoing rate is subject to the minimum monthly payment specified in Section II.
2. For the reconnection of meter for same customer upon the same premises a charge of \$1.50 shall be made.

D. APPLICATION OF RATES.

1. All of the foregoing short-time rates are subject to the prompt payment discount set forth in Section VI hereof.
2. The foregoing short-time rates shall apply to all customers using service during any period of less than one year.
3. Customers purchasing regular service under any of the company's regular rates, may purchase special, auxiliary, and temporary service at foregoing rates, subject to the following conditions:

- (a) Customers shall execute company's regular form of contract for short-time service.
- (b) Customers shall wire for such temporary, auxiliary or special service separately to company's service connection or point where company's regular service meters are installed, and shall provide necessary meter loops for meters to register service contracted for at foregoing rates.
- (c) Customers shall pay company \$1.50 to cover cost of installation and removal of meter for registering short-term service.
- (d) Lighting service purchased at foregoing rates for use in conjunction with service purchased under other schedules of rates shall be confined to such uses as are temporary or special in nature, such as holiday, window and outline lighting, special signs, celebrations, festivals, etc., where the wiring used in connection with such lighting is removed at the close of the special season or celebration or immediately after the discontinuance of the special service purchased under the foregoing rates.

Lighting service at foregoing rates not falling within the above classification shall not be supplied in conjunction with other service supplied under contracts covering a term of one year or more.

VIII. RENTAL OF METERS

- A. In case the customer desires integrating watt meters installed to measure the consumption of electrical energy by various floors, departments or tenants, company will install such meters upon yearly contracts and charge therefor the following:

Charge for Installation

| Size and type of meter | One meter | Additional meters installed at same time as first meter, each | Annual rental charge payable in 12 equal monthly installments or otherwise as agreed upon |
|---|-----------|---|---|
| Single Phase and Direct Current: | | | |
| 10 amp. and smaller | \$1.00 | \$0.50 | \$3.00 |
| 15 amp. to 75 amp. | 1.50 | .75 | 6.00 |
| 100 amp. to 300 amp. | 3.00 | 1.00 | 12.00 |
| 3 phase meters: | | | |
| 5 amp. to 25 amp. | \$1.50 | \$0.75 | \$6.00 |
| 50 amp. to 150 amp. | 3.00 | 1.00 | 12.00 |

The company will not obligate itself to supply the readings of the individual meters, nor assume any responsibility for their accuracy.

- B. Should customers desire any rented meters tested and report thereon made, the company will make such test and report and charge therefor the following:

Charge for Testing and Report

| Size of meter | One meter | Additional meters tested at same time as first meter, each |
|--------------------------|-----------|--|
| 5 amp. to 25 amp. | \$2.00 | \$1.00 |
| 40 amp. to 150 amp. | 2.50 | 1.50 |

IX. RULES CONCERNING CUSTOMERS' DEPOSITS

Rules of this company concerning extension of credit to customers, which rules apply to customers located within the cities of Racine, Kenosha, Watertown and Burlington.

1. Customers who have no established credit rating are required to furnish a financially responsible guarantor, or make a cash deposit equal in amount to two months' estimated bills. Minimum deposits in all cases to be \$5.00.
2. Customers operating moving picture houses or securing similar service for other businesses may reduce the required deposit by entering into an agreement to pay weekly an estimated bill and by granting the company the privilege to disconnect service upon failure to pay such estimated weekly bill on demand; such customers, upon making such agreement, shall deposit an amount equal to one-half of their estimated monthly bill.
3. Customers who shall have failed to make full payment to the company of all previous service bills are required to pay all such bills before service will be furnished.
4. Customers who shall have failed to make full payment to the company of all previous service bills are also required to make the cash deposit specified in rule "1."
5. Interest at the rate of 5% per annum will be paid on renewal or withdrawal of deposit.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

X. WATER POWER SERVICE

- (A) To customers signing the company's Standard Form of contract providing for service for three years or more, the charge for water power shall be as follows:

Demand Charge. (Payable in equal monthly installments)
\$20.00 per year for each kw. of demand of the first 200 kw.
\$15.00 per year for each kw. of demand in excess of 200 kw.
All plus an energy charge as follows:

Energy Charge.

\$0.007 per kw-hr. for all energy consumed during the month.

(B) PROMPT PAYMENT DISCOUNT.

On bills paid at the office of company within ten days of date of bill a discount of 5 per cent of the first \$25.00 of all bills, and 1 per cent of amounts in excess of \$25.00 will be given.

(C) CONDITIONS OF DELIVERY:

1. The company will deliver water power in form of three-phase alternating current, at a frequency of approximately 25 cycles, at a pressure of approximately 2300 volts, or other transmission voltage.
2. Delivery will be made in quantities of not less than 100 kw. Customer is required to furnish transformers, switchboard and switching apparatus and lightning protection, of type to be approved by the company.
3. Water power service will only be supplied to customers whose load consists of power and miscellaneous lighting.
4. The minimum annual demand charge shall be \$2,000.00.
5. The company limits the quantity of water power to be sold to 1,000 kw. The company does not guarantee continuity of service, and represents only that the service herein provided for is "unrefined," and subject to the vicissitudes of water power generation, long distance transmission, and transformation.

(D) MEASUREMENT OF DEMAND.

1. The demand of the customer using company's water power service shall be determined as the maximum rate at which energy is used for any continuous period of 15 consecutive minutes, and may be ascertained at the option of the company by counting revolutions of the wattmeter disc, by printing quarterly hourly readings of wattmeter, or by graphic recording wattmeter.
2. The maximum demand charge during any month shall be not less than that computed on the basis of 75 per cent of the maximum demand during any previous month of the contract period.

Street Lighting.

GENERAL:

- 162—4 ampere d. c. series magnetite arc lamps burning all night every night. Rate \$60 per lamp per year.
18—80 c. p., 4 ampere d. c. series tungsten lamps burning all night every night. Rate \$30 per lamp per year.

ORNAMENTAL:

None.

WATERTOWN, TOWN OF

(Jefferson County.)

MILWAUKEE LIGHT, HEAT & TRACTION Co.

(For rate schedule, see M. L. H. & T. Co., Milwaukee, Part III.)

WATERTOWN, TOWN OF

(Jefferson County.)

WISCONSIN GAS & ELECTRIC COMPANY.

(See rural rate schedule for Town of Geneva.)

Street Lighting.

None.

WAUKESHA.

(Population, 8,740.)

WAUKESHA GAS & ELECTRIC CO.

Method of generation, steam.

Daily operating period, continuous.

SCHEDULE "A."**Commercial Lighting.**

The consumer shall pay for electric service as registered by the company's meter at the rate of:

- 13 cts. per kw-hr. for the first 30 kw-hr. used per month per kw. of demand.
- 10 cts. per kw-hr. for the next 60 kw-hr. used per month per kw. of demand.
- 7 cts. per kw-hr. for all current used in excess of 90 kw-hr. per month per kw. of demand.

*Determination of Demand***CLASS "A" RESIDENCES.**

For residences and domestic service the "demand" will be 60% of the connected load when the connected load is equal to or less than 500 watts normal rated capacity. When the installation exceeds this amount the "demand" shall be considered 60% of the first 500 watts plus 33⅓% of the total connected load over and above 500 watts. Under this class the demand shall not be considered as less than 100 watts normal rated capacity.

Unfilled sockets remaining connected to the line shall be rated at 40 watts normal rated capacity per socket connected.

CLASS "B" COMMERCIAL.

For retail and general commercial services the "demand" will be 70% of the connected load when the total connected load is equal to or less than 2½ kw., normal rated capacity. When the installation exceeds 2½ kw., normal rated capacity, the "demand" shall be considered 70% of the first 2½ kw., plus 55% of the total connected load over and above 2½ kw.; provided that lamps used exclusively in space devoted to storing of goods shall be placed at 20% active "demand" and shall not be included in the 2½ kw. specified above.

Under this class the "demand" shall not be considered less than 300 watts normal rated capacity. Unfilled sockets remaining connected to the line shall be rated at 40 watts normal rated capacity per socket connected.

CLASS "C"—CHURCHES, FACTORIES, ETC.

For service under this class the demand will be 55% of the normal rated capacity of the total connected load.

Under this class the "demand" shall not be considered less than 300 watts normal rated capacity. Unfilled sockets remaining connected to the line shall be rated at 40 watts normal rated capacity per socket connected.

CLASS "D"—MUNICIPAL BUILDING.

For service under this class the demand will be 55% of the normal rated capacity of the total connected load.

Under this class the demand shall not be considered less than 300 watts normal rated capacity. Unfilled sockets remaining con-

nected to the line shall be rated at 40 watts normal rated capacity per socket connected.

MINIMUM.

Under schedule "A" a minimum charge of 75 cts. per month, per meter must be paid for service if current consumption to that amount is not registered by the meter.

DISCOUNTS.

A discount of one cent per kw-hr. will be allowed if payment is made on or before the 10th of the month.

CLASSES OF SERVICE.

Class "A" shall consist of residences, dwellings, flats, and private rooming houses.

Class "B" shall consist of banks, offices, business and professional (including studios, dressmaking parlors, massage parlors, millinery and hair dressing establishments, and photograph galleries), wholesale and retail merchandise establishments, such as art stores, bakeries, barber shops (including shoe shining parlors and public baths), book stores, cigar stores, coffee and tea stores, commission stores, drug stores, confectionery stores, (including ice cream parlors), crockery and china stores, dry goods stores, electrical supply houses, flower stores, (including greenhouses) furniture and house-furnishing stores, gents' furnishing stores, (including hat stores and haberdasheries), grocery stores, hardware stores, harness shops, hay, grain, feed and coal offices and stores, jewelry stores, meat markets, millinery stores, milk depots, paint and wall paper shops, piano and music stores, picture stores, plumbing shops, springs, saloons, (including pool and billiard halls and adjoining card rooms), shoe stores and shoe repair shops, stationery stores, tailor shops (including dyers, cleaners and clothes pressing establishments), undertakers, upholsterers, wine and liquor stores, theaters, (including nickelodeons, shooting galleries, and similar amusement places) corridors and halls in office and apartment buildings upon separate meter, dance and public halls, (including lodge and society rooms) restaurants (including eating places and lunch wagons), depots and public places for the conduct of railroads, street railway, express and telephone business (excluding freight warehouses), and all other consumers not herein otherwise specifically provided for.

Class "C" shall consist of federal, state and county buildings, churches and missions; hotels and clubs; factories (including small industrial establishments such as machine shops, carpenter shops, blacksmith shops, tin shops and cigar factories); closing not later than 6 p. m., private and parochial schools; freight and storage warehouses, and stables and garages, both private, boarding and livery.

Class "D" shall consist of all interior lighting for the city of Waukesha, including commercial alternating current for schools, police and fire station, libraries, hospitals and other city buildings.

SCHEDULE "B".

Short-Term Contract.

Service will be supplied for short-term contract under the same meter rates, monthly minimum charges and lamp renewal conditions as under Schedule "A" except that a charge of \$5.00 will be made for service connection. This schedule applies for a contract term of not less than one month.

SCHEDULE "C".

FLAT RATE FOR SIGN AND DISPLAY LIGHTING.

Yearly Contract.

Service will be supplied for store window lighting, sign lighting and out-door display lighting from dusk until ten o'clock p. m. for one cent per watt, demanded per month for energy plus 50 cts. per month for patrol service.

The above schedule will apply only in the districts covered by the patrolmen of the company and the wiring must be so arranged that lights may be controlled by the company's patrolmen without entering the building. Lights are not to be turned on before dusk and will be turned off at the time specified in the consumer's contract. Wiring for such service must be in iron conduit.

When lighting is to be done outside the district covered by the company's patrolmen a time switch satisfactory to the company must be installed and maintained by the consumer which will automatically light and extinguish lamps at the scheduled hours.

No change of wattage of lamps installed will be allowed without the consent of the company so that change of rate can be made in accordance.

For the purpose of applying this schedule the "demand" shall be assumed as 100% normal rated capacity. The minimum "demand" under this schedule shall be 200 watts.

SCHEDULE "D".

POWER RATES.

Yearly Contract.

A charge of 75 cts. per month per active h. p. installed shall be assessed as primary charge on all power installations, determination of active horse power shall be as specified in following schedule:

| Size of installation | Per cent active. |
|----------------------------|------------------|
| Less than 10 h. p..... | 90 |
| 10 h. p. to 19 h. p..... | 70 |
| 20 h. p. to 49 h. p..... | 60 |
| 50 h. p. to 99 h. p..... | 55 |
| 100 h. p. to 400 h. p..... | 50 |
| Over 400 h. p..... | 40 |

The consumer shall pay for current under this schedule as registered by the company's meter at the rate of $3\frac{1}{2}$ cts. per kw-hr. for the first 3000 kw-hr. used per month; 2.6 cts. per kw-hr. for the next 7000 kw-hr. used per month; and 2.3 cts. per kw-hr. for all in excess of 10,000 kw-hr. per month.

DISCOUNTS.

A discount of one cent per kw-hr. will be allowed if payment is made on or before the 10th of the month.

SCHEDULE "E".

TEMPORARY SERVICE.

When the company has available unsold capacity of lines, transformers and generating equipment, service will be supplied for light and power purposes on the rate above, applicable to the service used, with an additional charge to cover cost of supplying the discontinuance of service equipment.

SCHEDULE "F".**OPTIONAL COMMERCIAL LIGHTING RATE.*****Yearly Contract.***

The Commercial Lighting Rate shall be:

- (1) A *Demand Charge* of 10 cts. per month for each 50 watts of connected capacity or its equivalent.
Unfilled sockets remaining connected to the line shall be rated at 40 watts normal rated capacity per socket connected.
- (2) *Customer's Charge* of \$1.50 per month plus a charge of 5 cts. per month per socket connected.
- (3) *Current Charge* under this schedule shall be 5 cts. per kw-hr. on all current consumed.

MINIMUM.

Under Schedule F the total of the *Demand and Customer's charges* shall be the minimum monthly bill and shall not be subject to discount.

DISCOUNTS.

A discount of one cent per kw-hr. will be allowed if payment is made on or before the 10th of the month.

CHANGES IN INSTALLATION.

No increase in wattage of lamps installed will be allowed without the consent of the company so that change of rate can be made in accordance.

ALLOWANCE FOR INDUSTRIAL DEVICES.

Meter lighting rates without increase of demand will apply where consumer has industrial heating devices in use provided the demand of such incidental devices does not exceed 100 per cent of actual lighting demand. If demand of such devices does exceed 100 per cent of lighting demand, allowance will be made up to 100 per cent of such demand.

A suitable deposit may be required to insure payment. Deposit to draw 5% interest.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

118—600 c. p., 6.6 ampere, d. c., series gas filled tungsten lamps, burning on an all night every night schedule. Rate \$50 per lamp per year.

92—80 c. p., 6.6 ampere, d. c. series gas filled tungsten lamps, burning on an all night every night schedule. Rate \$23 per lamp per year.

ORNAMENTAL:

None.

WAUKESHA, TOWN OF

(Waukesha County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule see M. L., H. & T. Co., Milwaukee, Part II and Part III.)

WAUNAKEE.

(Population, 550.)

MUNICIPAL PLANT.

Method of generation, purchased.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month, 75 cts.

First 10 kw-hr. per month, 12 cts. per kw-hr.

Next 20 kw-hr. per month, 8 cts. per kw-hr.

All over 30 kw-hr. per month 6 cts. per kw-hr.

Penalty of 10% added on all bills not paid by the 10th of the month.

Commercial Power.

(Regular lighting rates apply.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

24—250 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning every night until 11:30. Rate \$18 per lamp per year.

1—300 watt, 110 volt, a. c. multiple gas filled tungsten lamp, burning every night until 11:30. Rate \$18 per lamp per year.

ORNAMENTAL:

16 posts, 8 posts to block, staggered; 1—250 c. p., 6.6 ampere, gas filled tungsten lamp on each post; lamps burn every night until 11:30 p. m. Rate \$18 per lamp per year. System installed by village. Village bears cost of maintenance and pays for service.

WAUPACA.

(Population, 2,789.)

WAUPACA ELECTRIC LIGHT & RAILWAY CO.

Method of generation, hydraulic and steam.

Daily operating period, continuous.

Commercial Lighting.

A minimum charge of 75 cts. per month for current consumed.

20 cts. per kw-hr. for patrons having other than annual contracts, and for irregular consumers, such as churches, lodges, blacksmith shops, warehouses and manufacturing establishments; with a discount of 25% if paid at the company's office on or before the 10th day of the month following that during which the service was rendered.

For all other current consumers, meaning those who have yearly contracts for light only, 15 cts. per kw-hr., with privilege of the following special rate if bills are paid at the company's office on or before the 10th day of the month following that during which the service was rendered:

| | |
|-----------------|---------------------|
| First 10 kw-hr. | 12½ cts. per kw-hr. |
| Next 90 " | 10 " " |
| Next 100 " | 9 " " |
| Next 200 " | 8 " " |
| Next 300 " | 7 " " |
| All over 700 " | 6 " " |

Commercial Power.

Contract for power for small, alternating current, high frequency, single-phase motors, served through separate meters, can be made by special arrangements with the general manager.

Park Lighting.

42 cts. per month for each 20 c. p. incandescent lamp operated not less than four hours per night each and every night as per schedule furnished by said Park Board. These lamps are to be operated not less than three consecutive months during the year.

Meters are owned by utility.

A charge is made for material and time required for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

30—400 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on an all-night every-night schedule. Rate \$76.32 per lamp per year.

ORNAMENTAL:

None.

WAUPUN.

(Population, 3,362.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, continuous.

Commercial Lighting.

Minimum monthly bill, 75 cts.

Current, 15 cts. per kw-hr. with a discount of 5 cts. per kw-hr. if paid by 10th of the month.

A further discount of 10% on bills in excess of \$5.00, and 20% on bills in excess of \$10.00 is allowed if paid by 10th of month.

A charge of \$1.00 is made for re-connecting same consumer to same premises.

Commercial Power.

Day rate for power, or domestic use for cooking, heating, etc.:

Minimum charge of \$2.00 per month for 2 h. p. or less, nominal rated capacity of motors connected up, and 50 cts. for each additional h. p.

Domestic use, cooking, heating etc., minimum charge \$2.00 per month.

For the first 100 kw-hr. 6 cts. per kw-hr.

" next 300 " 5 " " "

" next 600 " 4 " " "

" next 2000 " 3½ " " "

For all over 3000 " 3 " " "

20% to be added to all bills not paid by the 10th of the month following the meter reading. Users taking day current from the incandescent line, whether for power or for heating, cooking or other permitted use, to pay same rates as above, provided a second meter be installed with the above minimum charge monthly, and no connection to be made therewith except for use of day current.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines if premises are within 150 feet from existing lines. Consumer pays cost of extension in excess of 150 feet.

Street Lighting.**GENERAL:**

- 19—110 volt, 7 ampere, a. c. multiple carbon arc lamps. Rate \$60 per lamp per year.
- 23—500 watt, 110 volt, a. c. multiple gas filled tungsten lamps, burning on an all-night moonlight schedule. Rate \$60 per lamp per year.
- 13—400 watt, 110 volt, a. c. multiple gas filled tungsten lamps, burning on an all-night moonlight schedule. Rate \$60 per lamp per year.

ORNAMENTAL:

None.

WAUSAU.

(Population, 16,560.)

WISCONSIN VALLEY ELECTRIC CO.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.

The meter rate for electric lighting service is 10 cts. per kw-hr.

The net minimum charge for any electric lighting service is 50 cts. per month.

Discounts on lighting bills for metered current each month are as follows:

| |
|---|
| All bills over \$20.00 and under \$30.00, 10 per cent discount. |
| " " " 30.00 " " 40.00, 15 " " " |
| " " " 40.00 " " 50.00, 20 " " " |
| " " " 50.00 " " 60.00, 25 " " " |
| " " " 60.00 " " 70.00, 30 " " " |
| " " " 70.00 " " 80.00, 35 " " " |
| " " " 80.00 " " 100.00, 40 " " " |
| " " " 100.00 " " 150.00, 45 " " " |
| " " " 150.00 50 " " " |

OPTIONAL RATE.

An optional monthly lighting rate applicable to business houses on yearly basis:

10 cts. per kw. for first 30 hrs. use or less of connected load.

6 cts. per kw. for next 60 hrs. use or less of connected load.

3 cts. per kw. for all current used in excess of 90 hrs. use.

CONSTANT RATES.

On yearly contracts to business houses in city of Wausau on installations not less than 100 watts burning not to exceed 12 hours per day \$1.25 per month per 100 watts connected.

Single isolated lamps not warranting meter investments at option of the company. 1½ cts. per watt connected, 50 watts minimum.

Outside sign lighting if not metered, based on estimated consumption of current in accordance with above rates.

A service charge of 25 cts. per month on all lighting bills made in addition to all other charges which charge is allowed as a discount on all bills paid on or before the 15th of the month following.

In all matters pertaining to service not specifically mentioned, the rules and regulations of the company shall be deemed applicable.

Commercial Power.

SMALL MOTOR POWER: The following charges shall apply on all small power service furnished either from the company's power lines or from their lighting service lines, which shall include battery charging:

A fixed charge of \$1.00 per month for each connected installation of one h. p. or less or equivalent, nominal rated capacity.

A fixed charge of 50 cts. per month for each additional h. p. or fraction thereof nominal rated capacity plus a meter charge of 3 cts. per kw-hr. for all current consumed, or an optional rate of the above minimum charges with a meter rate of 10 cts. per kw-hr.

If not metered:

Power piano motors \$1.50 each per month

Ceiling fans 1.50 each per month

WHOLESALE POWER: Wholesale power is sold at the rate of 2 cts. per kw-hr. with the following minimum monthly charges and discounts with the exception of supplementary, standby or emergency service which is furnished to or received from other power plants which latter service is furnished or received on such reasonable terms and conditions as the exigencies may from time to time determine. All motor installations under 25 h. p. to guarantee a consumption of not less than 100 hours use per month of rated connected motor load. All installations 25 h. p. to 50 h. p. to guarantee a consumption of not less than 70 hours' use per month of rated connected motor load. All installations over 50 h. p. to guarantee a consumption of not less than 45 hours' use per month of rated connected motor load. No installation less than 15 h. p. subject to this rate. A discount of 37½ per cent on wholesale power rates allowed on all installations of 75 h. p. or over, using not less than 168 hours' use per month of rated connected load.

Customers to be given benefit of lowest rate or minimum applicable each month including the right to a minimum monthly rating on an increased connected motor load.

Factory lighting furnished from power lines at power rates plus \$2.00 per month per 1,000 watts connected lighting load, to any wholesale power customer using not less than \$1,200.00 power per annum. Such lighting connected load not to exceed 5 per cent of connected motor load.

A 25 ct. service charge per month for all power services made in addition to all other charges which charge will be allowed as a discount on all bills paid on or before the 15th of the month following.

In all matters pertaining to service not specifically mentioned, the rules and regulations of the company shall be deemed applicable. Monthly minimums effective on the following motor installations:

| Installation | No. of kw hr. covered by min. bill | Minimum monthly bill |
|----------------------------|---------------------------------------|-------------------------|
| 15 h. p. | 1119 kw-hr. | \$22.38 |
| 16 " | 1193.6 | 23.87 |
| 17 " | 1268.2 | 25.36 |
| 18 " to 25 inclusive | 1342.8 | 26.11 |
| 26 " | 1357.7 | 27.15 |
| 27 " | 1409.9 | 28.20 |
| 28 " | 1461.1 | 29.22 |
| 29 " | 1514.3 | 30.29 |
| 30 " | 1566.6 | 31.33 |
| 31 " | 1618.8 | 32.38 |
| 32 " to 49 inclusive | 1671 | 33.42 |
| 50 " | 1678.5 | 33.57 |
| 51 " | 1712 | 34.24 |
| 52 " | 1745.6 | 34.91 |
| 53 " | 1779.2 | 35.58 |
| 54 " | 1812.7 | 36.26 |

| | | |
|---------------|---------------|---------|
| 55 h. p. | 1846.3 kw-hr. | \$36.93 |
| 56 " | 1879.9 " | 37.60 |
| 57 " | 1912.6 " | 38.25 |
| 58 " | 1947 " | 38.94 |
| 59 " | 1980.6 " | 39.61 |
| 60 " | 2013.2 " | 40.26 |
| 61 " | 2047.7 " | 40.96 |
| 62 " | 2081.3 " | 40.63 |
| 63 " | 2114.9 " | 42.30 |
| 64 " | 2148.4 " | 42.97 |
| 65 " | 2182 " | 43.64 |
| 66 " | 2215.6 " | 44.31 |
| 67 " | 2249.2 " | 44.98 |
| 68 " | 2282.7 " | 45.66 |
| 69 " | 2316.3 " | 46.33 |
| 70 " | 2349.9 " | 47.00 |
| 71 " | 2383.4 " | 47.70 |
| 72 " | 2417 " | 48.34 |
| 73 " | 2450.6 " | 49.01 |
| 74 " | 2484.1 " | 49.68 |
| 75 " | 2517.7 " | 50.36 |

RATE FOR ELECTRIC COOKING AND HEATING on installations not exceeding 5 kw. maximum demand:

Minimum charge per month, \$2.00.

First 100 kw-hr. 3 cts. per kw-hr.

All over 100 kw-hr. 2 cts. per kw-hr.

RATES APPLICABLE TO ALL WOOD VENEER PLANTS AND FLOUR MILLS.

75 cts. per month per active h. p. connected, plus,

1 ct. for the first 20,000 kw-hr. used per month;

$\frac{3}{4}$ ct. for all in excess of 20,000 kw-hr. used per month.

In determining the active h. p. the following percentages of the connected load shall apply:

80% of the 1st 10 h. p. shall be considered active

70% of the next 30 h. p. shall be considered active.

40% of all above 40 h. p. shall be considered active.

PLANING AND SAW MILLS:

For planing and saw mills using on contract not less than 300,000 kw-hr. annually and operating during such hours as will avoid peak loads of central station. \$10.00 per year per kw. of demand payable on equal monthly installments plus an energy charge of 1 ct. per kw-hr. for current consumed.

JOINT EMERGENCY SERVICE:

This company exchanges power with the Marathon Paper Mills Co. of Rothschild, Wisconsin, and the Wausau Sulphate Fibre Company of Mosinee, Wisconsin, over a jointly owned and jointly maintained high tension transmission system for the purpose of assuring uninterrupted service to all three plants in case of emergency. The basis of exchange to be determined by the conditions as such emergencies arise. Such services to be received and given upon a reasonable basis as the exigencies may from time to time determine, without any obligations upon the part of any of these companies to furnish such power to the others.

PUBLIC BUILDINGS:

Current from the commercial lines of Wausau Street Railroad Company to place of consumption of the city at the rate of 6 cts. per kw-hr. The Wausau Street Railroad Company to furnish all necessary transformers and meters for all future additional installations.

Current to operate the motors for various municipal uses, at the rate of 2 cts. per kw-hr. The Wausau Street Railroad Company to furnish the necessary transformers and meters for all future additional installations.

MARATHON COUNTY ASYLUM SERVICE:

The Wausau Street Railroad Company furnishes power in combination with the light for the Marathon County Asylum and Almshouse at the rate of 5 cts. per kw-hr., the county of Marathon owning the transformers and maintaining the installation.

The company has a special contract with the Cereal Mills Co. of Wausau.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

GENERAL:

121—400 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning upon an all-night every-night schedule.

46—250 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning upon an all-night every-night schedule.

46—100 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning upon an all-night every-night schedule.

24—80 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning upon an all-night every-night schedule.

10—60 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning upon an all-night every-night schedule.

Rate \$6 per each 100 watts installed for above street lighting.

ORNAMENTAL:

194 posts, 6 to 8 posts to block, staggered and in pairs; 183 posts with 4—40 watt, 110 volt, a. c. multiple tungsten lamps and 1—60 watt, 110 volt, a. c. multiple tungsten lamp on each post; 40 watt lamps burn from dark until 10:00 p. m. and 60 watt lamps burn all night, every night; 11 posts with 5—60 c. p. 6.6 ampere, a. c. series tungsten lamps, burning upon an all-night every-night schedule. Current for ornamental street lighting metered at 1.9 cts. per kw-hr. System paid for by property owners and city. Maintenance and cost of current paid for by city.

WAUTOMA.

(Population, 964.)

NESHKORO LIGHT AND POWER CO.

Method of generation, hydraulic.

Daily operating period, continuous.

(For commercial rate schedule see Neshkoro.)

Street Lighting.

GENERAL:

37—200 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a moonlight-midnight schedule. Flat charge of \$1,200 per year for all street lighting including ornamental.

ORNAMENTAL:

12 posts, 6 posts to block in pairs; 5—25 watt tungsten lamps on each post burning on a moonlight-midnight schedule. System installed by village and utility. Village maintains posts and utility maintains lamps. Village pays for service. See General above for rates.

WAUWATOSA.

(Population, 3,346.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For commercial rate schedule, see M. L. H. & T. Co., Milwaukee, Part I.)

Street Lighting.**GENERAL:**

220—60 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning all night, every night. Rate \$18.45 per lamp per year.

8—250 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning all night, every night. Rate \$26.89 per lamp per year.

ORNAMENTAL:

None.

WAUWATOSA, TOWN OF

(Milwaukee County.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For rate schedule, see M. L. H. & T. Co., Milwaukee, Part I and Part III.)

WEST ALLIS.

(Population, 6,645.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For commercial rate schedule, see M. L. H. & T. Co., Milwaukee, Part I.)

Street Lighting.**GENERAL:**

172—4 ampere, d. c. series magnetite arc lamps, burning all night, every night. Rate \$75 per lamp per year.

ORNAMENTAL:

None.

WEST BEND.

(Population, 2,462.)

WEST BEND HEATING & LIGHTING CO.

Method of generation, hydraulic and steam.

Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month \$1.00.

Service charge 15 cts. per month.

First 40 kw-hr. per month 11 cts. per kw-hr.

Next 100 kw-hr. per month 8 cts. per kw-hr.

All over 140 kw-hr. per month 6 cts. per kw-hr.

COOKING RATE:

Minimum charge per month \$1.00.

Service charge \$0.15 per month.

Current 3 cts. per kw-hr.

Commercial Power.

First 300 kw-hr. per month 6 cts. per kw-hr.

Next 300 " " " 5 " " "

Next 400 " " " 4 " " "

Next 1000 " " " 3 " " "

Next 1000 " " " 2½ " " "

Next 1000 " " " 2 " " "

All over 4000 kw-hr. per month 1½ cts. per kw-hr.

Service charge 15 cts. per month.

Minimum charge per month:

Motors up to 5 h. p. \$1.50 per h. p.

Motors over 5 h. p. \$1.00 per h. p. of nominal rated capacity.

A penalty of 5% will be added to all bills not paid within 10 days.

A charge of \$2.00 is made for reconnection where service is used during only a part of the year.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

217—80 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning all night, every night. Rate \$15 per lamp per year.

ORNAMENTAL:

None.

WESTBORO.

(Population, 600.)

WESTBORO LUMBER CO.

Method of generation, steam.

Daily operating period, dusk to 10:45 p. m.

Commercial Lighting.**FLAT RATE:**

16 c. p. lamp per month 33½ cts.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

None.

WESTBY.

(Population, 902.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, 7 a. m. to 11 p. m.

Commercial Lighting.**METER RATES:**

Minimum monthly charge, 50 cts.

Current, 10 cts. per kw-hr. for all purposes.

Meter rent, 25 cts. per month.

FLAT RATES:

Minimum monthly bill 75 cts.

For Residences.

First 10 lamps, 30 cts. each per month. Succeeding 5 lamps, 25 cts. each per month. The succeeding 5 lamps, 20 cts. each per month. Any number above 20 lamps, 15 cts. per month. For private cellars, attics or barns, 15 cts. per month for each lamp.

For Stores and Other Places.

Running until 9 o'clock p. m., 45 cts. each per month. Running until 10 o'clock p. m., 55 cts. each per month. Running until 11 o'clock p. m., 65 cts. each per month. Office rates 35 cts. each per month when lights are used the whole year round. For society halls, 20 cts. each per month. For churches, 15 cts. each per month. For cellars of warehouses used as storage rooms by any mercantile firm or establishment, provided lamps are not frequently used, 20 cts. each per month.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

33—60 c. p., 6.6 ampere a. c. series gas filled tungsten lamps burning every night from dusk to 11 p. m. Rate \$11 per lamp per year.

ORNAMENTAL:

47 posts, 8 to 12 posts to block in pairs; 1—100 c. p., 6.6 ampere gas filled tungsten lamp on each post; lamps burn every night from dusk to 11 p. m. Rate \$16 per lamp per year. System installed by merchants and village. Village pays for service and maintains system.

WESTFIELD.

(Population, 729.)

WESTFIELD MILLING & ELECTRIC LIGHT CO.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.**METER RATES:**

Minimum monthly bill, 75 cts.

From 1 to 20 kw-hr.....15 cts. per kw-hr.

" 20 to 40 kw-hr.....12 " "

" 40 up 8 " "

Free renewals of carbon lamps.

FLAT RATES:

25 cts. per month per 16 c. p. lamp.

Signs, outlines, windows, etc., 50 cts. per month per lamp.

Commercial Power.

Service charge \$1.00 per month per h. p.

Energy charge 4 cts. per kw-hr.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

23—6.6 ampere a. c. series carbon arc lamps burning all night every night. Rate \$80 per lamp per year.

4—80 c. p., 6.6 ampere a. c. series, tungsten lamps burning all night every night. Rate \$30 per lamp per year.

ORNAMENTAL:

None.

WEST MILWAUKEE.

(Population, ———.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For commercial rate schedule see M. L. H. & T. Co., Milwaukee, Part I.)

Street Lighting.**GENERAL:**

28—600 c. p., 6.6 ampere, a. c. series, gas filled tungsten lamps, burning all night every night. Rate \$42.34 per lamp per year.

ORNAMENTAL:

None.

WEST SALEM.

(Population, 840.)

NESHONOC LIGHT & POWER CO.

Method of generation, hydraulic power.

Daily operating period, sunset to 12 p. m. on Saturday and until 11 p. m. on all other nights.

Commercial Lighting.**METER RATES:**

Minimum monthly charge, \$1.00.

Current

First 25 kw-hr. per month 10 cts. net or 11 cts. gross per kw-hr.

Next 50 " " 9 " " 10 " " "

All over 75 " " 7 " " 8 " " "

The difference between the net and gross rates, or one cent per kw-hr. shall constitute a discount for prompt payment of bills.

The county insane asylum pays 5 cts. per kw-hr.

FLAT RATES:

8—16 c. p. lamps.....\$15.00 per year

15—16 c. p. lamps..... 20.00 per year

20—16 c. p. lamps..... 24.00 per year

Stores, offices and other places pay \$5.00 per year for a 16 c. p. lamp.

Commercial Power.

Minimum bill. \$1.00 gross or \$.90 net per month.

Service charge. \$1.00 gross and \$.75 net per active h. p. per month using following percentages.

First 10 h. p. connected.....90% active.

Next 20 " "75% "

" 30 " "60% "

All above 60 " "50% "

Energy or meter charge:

5 cts. gross and 4 cts. net per kw-hr. for energy equal to or less than 25 kw-hr. per month per active h. p. connected.

3 cts. gross and 2 cts. net per kw-hr. for all energy in excess of that amount.

Difference between gross and net rates shall constitute a discount for prompt payment.

Street Lighting.

Data incomplete.

WEYAUWEGA.

(Population, 967.)

WEYAUWEGA ELECTRIC LIGHT CO.

Method of generation, hydraulic.

Daily operating period, continuous except Sunday.

Commercial Lighting.**METER RATES:**

Minimum charge per month \$1.00.

Current 10 cts. per kw-hr.

Churches, lodges, and public halls—minimum monthly charge \$1.50.

Current 14 cts. per kw-hr.

FLAT RATES:**Residences:**

Up to 5 lights \$1.00 per month.

5 to 15 lights \$1.25 per month.

Over 15 lights \$1.50 per month.

Business Places:

First 250 watts 1 ct. per watt per month.

Next 750 watts $\frac{1}{2}$ ct. per watt per month.All over 1000 watts $\frac{1}{4}$ ct. per watt per month.**Commercial Power.**

| Up to | 25 kw-hr. per month | 10 | cts. per kw-hr. |
|-----------------|---------------------|----|-----------------|
| 26 to | 50 " | " | 9½ " |
| 51 to | 75 " | " | 9 " |
| 76 to | 100 " | " | 8½ " |
| 101 to | 150 " | " | 8 " |
| 151 to | 200 " | " | 7½ " |
| 201 to | 250 " | " | 7 " |
| 251 to | 300 " | " | 6½ " |
| 301 to | 350 " | " | 6 " |
| 351 to | 400 " | " | 5½ " |
| 401 to | 500 " | " | 5 " |
| 501 to | 600 " | " | 4½ " |
| 601 to | 700 " | " | 4 " |
| 701 to | 850 " | " | 3½ " |
| 851 to | 1,000 " | " | 3 " |
| 1,001 to | 2,000 " | " | 2½ " |
| 2,001 to | 3,000 " | " | 2¼ " |
| 3,001 to | 4,000 " | " | 2 " |
| 4,001 to | 6,000 " | " | 1¾ " |
| 6,001 to | 10,000 " | " | 1½ " |
| 10,001 to | 15,000 " | " | 1¼ " |
| 15,001 to | 20,000 " | " | 1 " |
| 20,001 and over | " | " | 1 " |

A penalty of 10% will be added to all bills not paid on or before the 15th of the month following that for which service was rendered.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

24—600 c. p., 6.6 and 20 ampere a. c. series gas filled tungsten lamps burning on an all night moonlight schedule. Rate \$62.50 per lamp per year.

ORNAMENTAL:

None.

WEYERHAUSER.

(Population, 371.)

THEO. KURTH ELECTRIC PLANT.

Method of generation, oil engines.

Daily operating period, dusk to dawn.

Commercial Lighting.**METER RATES:**

Minimum charge per month \$1.00.

Current 15 cts. per kw-hr.

FLAT RATES:**Residences:**

First 3—20 watt lamps \$1.00 per month.

Next 3—20 watt lamps .25 each per month.

Next 1—20 watt lamps .20 each per month.

All over 7—20 watt lamps .15 each per month.

Minimum monthly charge \$1.00.

Business Places:

First 40 watt lamps \$1.00 per month.
Next 2—40 watt lamps .50 each per month.
Next 5—40 watt lamps .40 each per month.
All over 8—40 watt lamps .35 each per month.
A discount of 20% will be allowed on all bills paid on or before the 15th of the month.

Meters are owned by the consumers.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

5—250 watt and 13—100 watt, 110 volt a. c. multiple tungsten lamps burning on a moonlight midnight schedule. Flat charge of \$864 per year.

ORNAMENTAL:

None.

WHITEFISH BAY.

(Population, 542.)

MILWAUKEE LIGHT, HEAT & TRACTION CO.

(For commercial rate schedule see M. L. H. & T. Co., Milwaukee, Part I.)

Street Lighting.**GENERAL:**

25—60 c. p., 6.6 ampere a. c. series gas filled tungsten lamps burning all night every night. Rate \$28.80 per lamp per year.

ORNAMENTAL:

None.

WHITEHALL.

(Population, 703.)

MUNICIPAL PLANT.

Method of generation, water power purchased.

Daily operating period, dusk to 12 p. m. and 5 a. m. to daylight.

Commercial Lighting.**METER RATES:**

Minimum monthly charge 75 cts.

Current 6 cts. per kw-hr.

FLAT RATES:

Consumers having less than 4 lights, 30 cts. per 16 c. p. lamp or equivalent per month.

Meters are owned by utility.

Consumer pays cost of connecting premises with lines.

Street Lighting.**GENERAL:**

121—40 watt, 220 volt d. c. multiple tungsten lamps burning on a moonlight midnight schedule. Rate \$4.80 per lamp per year.

ORNAMENTAL:

None.

WHITEWATER.

(Population, 3,224.)

WHITEWATER ELECTRIC LIGHT CO.

Method of generation, steam.

Daily operating period, continuous.

I. STANDARD RATE.

To customers signing the company's standard forms of contract, providing for service for one year or more, the charge for electric service shall be computed on the following basis:

Demand Charge:

| | | |
|---------|--|----------------------|
| \$42.00 | per year for each kw. of demand of the first | 10 kw. |
| 30.00 | " " " " " " | next 50 kw. |
| 24.00 | " " " " " " | " " 140 kw. |
| 18.00 | " " " " " " | in excess of 200 kw. |

Payable in equal monthly installments, plus an energy charge as follows:

Energy Charge:

- 4 cts. per kw-hr. for the first 1,000 kw-hr. consumption during month.
- 3 cts. per kw-hr. for the next 3,000 kw-hr. consumption during month.
- 2 cts. per kw-hr. for the next 6,000 kw-hr. consumption during month.
- 1½ cts. per kw-hr. for the next 40,000 kw-hr. consumption during month.
- 1.3 cts. per kw-hr. for all energy in excess of 50,000 kw-hr. during month.
- 1. The foregoing rate shall apply to all customers utilizing company's electric service for lighting and receiving free renewals of company's standard lamps.
- 2. The foregoing rate less ½ ct. per kw-hr. shall apply to all customers utilizing company's service and not receiving free renewals of company's standard lamps.

A. ELECTRIC LIGHTING:

1. This service will include:

- (a) Electric energy furnished for lamps and other appliances utilized for illuminating purposes, except as hereinafter specifically exempted.
- (b) Motors and appliances other than lighting equipment where provided with a starting apparatus designed to limit the initial or starting current to a value not exceeding 2½ times the full load current, alternating current motors of ¼ h. p. when wound for 110 volts and of ½ h. p. when wound for 220 volts, the aggregate rated capacity of such appliances not to exceed 2 kw., will be included in this class when used in connection with lighting equipment and when the connected load of such motors and appliances does not exceed the aggregate rated capacity of lighting equipment.

- 2. Should the conditions of use of customer's demand be obviously such that he would never earn a lower rate under the Standard than under the Increment Rate Schedule, the Increment Rate Schedule set forth in Section II hereof shall apply. (Contract Form No. 759—W). The Increment Lighting Schedule is optional with the Standard Rate.
- 3. In the application of the Standard Rate one integrating watt meter only shall be provided for the measurement of energy, unless accuracy of measurement requires the installation of more than one meter. Where demand meters are installed, only one set of meters shall be used, and the arithmetical sum of their readings shall be used in computing demand.
- 4. (a) Exclusive lighting customers having installations of 2 kw. or less shall purchase service providing for free lamp renewals.

- (b) In exclusive lighting installations of more than 2 kw-connected, it is optional with the customer whether he shall take the rate providing for free lamp renewals.
- (c) In exclusive lighting installations of more than 2 kw. connected and where customer desires to contract for service without free lamp renewals, the energy charge shall be $\frac{1}{2}$ ct. per kw-hr. less than that provided above and Contract Form No. 1938—W shall be endorsed "Without Renewals of Lamps."
- 5. The maximum rate of charge for energy for lighting service is set forth in Section II.
- 6. The following table shows the various contract forms under which commercial electric lighting service is sold, and the application of such forms to the various classes of service.

| Form No. | Title | Application |
|----------|---|---|
| 759—W | Contract for Electric Service | (a) Lighting under Increment Schedule with free renewals of company's standard lamps. |
| 759—W | | (b) "Short Time" lighting service. |
| 759—W | | (c) Not to be used for power service. |
| 1938—W | Contract for Commercial Electric Service. | (a) Commercial lighting under Standard Rate with renewals of company's standard lamps. |
| 1938—W | | (b) Commercial lighting service over 2 kw. under Standard Rate, without renewals of company's standard lamps when endorsed "Without Renewals of Lamps." |

B. POWER:

- 1. This service will include:
 - (a) Electric energy utilized for motive and heating purposes, and miscellaneous lighting service, where the demand arising from such miscellaneous lighting service shall not be in excess of 20% of the total simultaneous demand for lighting and power service.
 - (b) Stereopticons, moving picture machines, photographer's arc lamps and rectifiers shall be classed as power equipment.
- 2. In the practical application of the Standard Rate, it is found that customers divide themselves generally into two classes—one in which the demand and hours use is so small that they receive no advantage under the Standard Rate, and the other class in which the Standard Rate results in a lower unit cost than the Increment Schedule. In the case of Unlimited, or On-Peak Service, all contracts for demands of 222 kw. or less and requiring an average use of the demand of about 240 hours per month should be written under the Increment Rate Schedule (Contract Form No. 1960—W). Contracts for demands in excess of 222 kw. and 240 hours use per month should be written under the Standard Rate (Contract Form No. 1968—W).
- 3. Where service for lighting or other application requiring single-phase current is desired by customer, to be supplied through meter measuring energy as polyphase power service, the unbalancing of the phases of the polyphase service arising from the use of the service for lighting or other purposes shall not

exceed 10% of the demand in kilowatts contracted for or measured. The power factor of such unbalanced single-phase load shall not be less than 75%. Should customer's demand for single-phase service exceed the above, the same shall be divided as nearly as practicable to obtain a balanced condition of the polyphase service. Customer may contract for single-phase requirements in excess of 10% of polyphase demand as a separate single-phase service. Where miscellaneous lighting service is supplied through the same meter as "Power" service (B), customer shall be required to supply apparatus for rendering available 120 volts for lighting service, if such be required.

4. *Optional or Increment Rate for Power Service.* To customers contracting on company's standard form to use service specified as power for periods of one year or more and who actually so use such service, the charge for electric power service shall be computed at the following rates:

First 100 kw-hr. during any month 8 cts. per kw-hr.

Next 100 " " " " 6 " " "

Next 100 " " " " 5 " " "

Next 300 " " " " 4 " " "

Next 1400 " " " " 3 " " "

All energy in excess of 2,000 kw-hr. during any month 2 cts. per kw-hr.

- (a) The foregoing optional rate for power does not include renewals of any incandescent lamps.
 (b) The foregoing rate is subject to the minimum monthly payments specified in Section II, (B), 3.
5. The following table shows the various contract forms under which power service is sold, and the application of such forms to the various classes of service.

| Form No. | Title | Application. |
|----------|--|---|
| 1960—W | Contract for electric power service in-increment rate. | (a) Power and miscellaneous light where demand and energy consumption are small or less than about 222 kilowatts at 240 hours per month use of demand. (b) "Short time" power service. |
| 1968—W | Electric power agreement | (a) Power and miscellaneous light under Standard Rate. |

C. **COMBINED LIGHTING AND POWER SERVICE:**

This service will include electric energy specified as "lighting" (A), and electric energy specified as "Power" (B), where such combination service is supplied through the same meter.

D. **LIMITED OR OFF-PEAK SERVICE:**

The foregoing rates for "Lighting" service (see A), "Power" service (see B), and "Combined Lighting and Power Service" (see C), less one-half of the demand charge, shall apply to customers contracting to utilize and utilizing the service only at times during the calendar day other than during the hours of the month, specified as follows:

| Month | Hours during which service shall not be used. |
|----------------|---|
| October | 5:30 p. m. to 7:00 p. m. |
| November | 5:00 p. m. to 7:00 p. m. |
| December | 4:30 p. m. to 7:00 p. m. |
| January | 4:40 p. m. to 7:00 p. m. |
| February | 5:20 p. m. to 7:00 p. m. |
| March | 6:00 p. m. to 7:00 p. m. |

In case customer desires to use service during the specified "off-peak" hours and upon giving the company one hour's notice of such intent, he shall be permitted to use service on any day of the week except Saturday and Sunday, and for each day power is so used customer shall pay:

For each kw. of demand of the first 10 kw.\$0.17
 For each kw. of demand of the next 50 kw.12
 For each kw. of demand of the next 140 kw.10
 For each kw. of demand of excess07

The demand so paid for shall be that as measured if it exceeds the "off-peak" demand contracted for or otherwise paid for during the current month.

1. Customers shall install and maintain in operating condition an automatic time switch of the type approved by the Company.
2. Service under the Off-peak Schedule for demands of less than 10 kw. will not be solicited or recommended, but will be sold on application. The saving to the customer is small and the complication introduced greater than that warranted by the saving in cost of service.
3. In many cases, customers signing Limited Service contracts will require some service for lighting during the hours that service is not available under this schedule. In such cases contract shall include a small demand under the Unlimited Service schedule, and all energy supplied under both schedules shall be measured by one meter. In computing the demand charge and the application of the four steps of the demand charge hereto, the demand charge for the Unlimited Service shall first be computed and the charge for the Limited Service shall be continuous thereafter. For example, if the customer contracts to purchase 10 kw. of Unlimited Service and 50 kw. of Limited Service, the monthly demand charge is computed as follows:
 10 kw. at \$3.50 \$35.00
 50 kw. at 1.25 62.50
4. Limited or Off-peak Service shall be sold only on annual contracts. On-peak service to supplement Off-peak service during the off-peak hours shall not be sold at the short time or increment rate.
5. The following table shows the various contract forms under which power service is sold, and the application of such forms to the various classes of service:

| Form No. | Title | Application |
|----------|---|---|
| 1964-W | Limited electric power agreement | (a) Off-peak power service; |
| 1974-W | Combined unlimited and limited electric power agreement | (a) Combined "on" and "off" peak power and miscellaneous lighting. |
| 2377-W | Combined unlimited and limited commercial and electric light and power service. | (a) Combined "on" and "off" peak commercial lighting and miscellaneous power. |

E. TEN-SEVEN SERVICE:

The foregoing rates for "Power" service "B" less three-fourths of the demand charge shall apply to all customers contracting to utilize and utilizing the company's service only during the hours 10:00 p. m. to the following 7:00 a. m. Customer shall

install and maintain in operating condition an automatic time switch of the type approved by the company.

1. Contract form No. 1971-W shall be used for "Ten-Seven" power service.

F. UNLIMITED BREAK-DOWN SERVICE:

The foregoing rates for "Lighting and Power" service (C) under Unlimited Service, shall apply for break-down or emergency service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the company. It shall be set to open when the demand exceeds 125% of the kilovolt-ampere demand contracted for.

1. Contract form No. 1969-W shall be used for "Unlimited Break-down Service."

G. LIMITED BREAK-DOWN SERVICE:

The foregoing rates for "Lighting and Power" service (C) under Limited or Off-peak Service, shall be furnished for break-down or emergency service connections. Since for such service the actual demand is unknown, customers shall contract for any demand, and shall be limited to the demand as contracted for by an automatic circuit breaker, installed and maintained by the customer and approved and controlled by the company. It shall be set to open when the demand exceeds 125% of the kilovoltampere demand contracted for.

1. Contract form No. 1970-W shall be used for "Limited and Break-down Service."

H. HEATING AND COOKING RATE.

Customers purchasing commercial electric service under contracts for periods of one year or more, may purchase electric energy for commercial electric cooking purposes where cooking appliances to an aggregate rated capacity of 3 kw. or more are installed, at \$2.50 per month for an installation of 3 kw. rated capacity, \$0.50 per month for each kw. of rated capacity or fraction thereof in excess of the first 3 kw. plus \$0.02 per kw-hr. as measured by separate watt-hour meter.

1. The foregoing rate shall apply only to customers who contract to use and actually use and pay for this service for periods of at least one year. Should customers discontinue the service within a period of one year, the customer shall pay the company the cost of connecting and disconnecting such commercial electric cooking service, including the cost of installing and removing transformer, service and meter required for such installation.
2. The foregoing commercial electric cooking rate is subject to the standard prompt payment discount of 5% on the first \$25 and 1% on amounts in excess of \$25 of bills paid at the office of the company or its authorized collection agencies within ten days from date of bill.

II. MAXIMUM RATE FOR LIGHTING SERVICE AND MINIMUM PAYMENTS

A. MAXIMUM RATE FOR LIGHTING SERVICE.

1. The maximum rate of charge for commercial electric lighting service (Section 1, "A") during any month shall not exceed

| | |
|-----------------------------------|--------------------|
| First 100 kw-hr. during any month | 12 cts. per kw-hr. |
| Next 100 " " " " | 10 " " " |
| Next 100 " " " " | 8 " " " |
| Next 300 " " " " | 6 " " " |
| All over 600 " " " " | 4 " " " |

2. The foregoing rate is subject to prompt payment discount and includes free renewals of company's standard carbon filament lamps and renewal allowances on tungsten or other special lamps.
 3. Customers may purchase service without lamp renewals, in which case these rates per kw-hr. shall be reduced $\frac{1}{2}$ ct.
 4. The foregoing limitation of the maximum rate of charge for commercial electric lighting service applies only to exclusively commercial lighting customers and shall not apply to any customer purchasing service for combined lighting and power, break-down service, or combined unlimited and limited service.
- B. MINIMUM MONTHLY PAYMENTS.
1. The minimum monthly payment to be made by any customer, except customers purchasing exclusively electric lighting service, or power service at the optional or increment power rate, shall be the monthly instalment of the annual demand charge.
 2. A minimum monthly bill shall be charged of 50 cts. net to customers having connected loads of 300 watts or less and \$1.00 to customers having connected loads in excess of 300 watts, to cover such expenses occasioned by the individual customer as billing, inspecting and maintaining meter and service connections, etc. In addition to such minimum bill a charge of \$1.50 shall be made for each arc lamp installed.
 3. A minimum monthly bill under the Optional or Increment Rate for power shall be charged of \$1.50 for an installation of 2 h. p. or less, nominal rated capacity, plus 75 cts. for each additional h. p. or fraction thereof (or \$1 per kw.) nominal rated capacity.
 4. A minimum monthly bill for any power customer having an installation of 2 h. p. or less and purchasing service either under the Standard or under the Optional or Increment Rate shall be charged of \$1.50.

III. MEASUREMENT OF DEMAND

The demand is defined as the greatest rate at which electrical energy is used by the customer within any period of fifteen consecutive minutes during the contract year, subject to the methods of determining demand hereinafter specified.

A. LIGHTING SERVICE.

1. For lighting installations of 2 kw. or less, the demand shall be assessed as 100% of the first 300 watts, plus 66 $\frac{2}{3}$ % of the connected load in addition to the first 300 watts.
2. Where the demand is assessed all sockets not containing lamps shall either be removed or sealed by the company, or counted at 50 watts each.
3. For installations of over 2 kw. the demand shall be measured by permanently installed demand meters, or by monthly readings taken during the normal peak demand of the service. Such readings may be ascertained at the option of the company by counting revolutions of the watt-meter disc, or by printing quarterly hourly readings of the watt-meter, or by a graphic recording watt-meter, or by the so-called Wright demand meter.

B. POWER SERVICE.

1. The maximum demand upon which the monthly charge for power service (see B) is based shall not be less than 75% of the highest demand ascertained during the period of twelve months ended with the current month.
2. For power installations of 2 kw. connected or less, the demand shall be assessed as 75% of the connected load, as indicated by the manufacturer's rating.

C. TEMPORARY ASSESSMENT OF DEMAND.

1. Installations in excess of 2 kw. connected, where customer is connected for service during a month during which the maximum measured demand shall be less than the probable demand obtaining during November, December, January or February, the demand will be assessed in accordance with the following rules, and such assessed demand will be corrected as soon as the actual demand for the year has been measured, and the difference in the demand rate billed upon the assessed or estimated demand and the demand rate based upon the actual or measured demand shall be credited to the customer or paid by the customer as the case may be.

- 1. In Class "1" customers (Lighting Service) the assessed demand shall be determined as follows:**

100% of the first 300 watts connected;
66% of the next 1700 watts connected;
55% of all in excess of the first 2,000 watts connected.

Class 1 customers shall include all lighting customers except those designated as Class 2.

- 2. In Class "2" (Lighting Service) the assessed demand shall be determined as follows:**

100% of the first 300 watts connected;
66% of the next 1700 watts connected;
40% of all in excess of the first 2,000 watts connected.

Class 2 customers shall consist of federal and county buildings, churches and missions, hotels and clubs, factories (including small industrial establishments such as machine shops, carpenter shops, blacksmith shops, tin shops and cigar factories closing not later than 6 p. m.) private and parochial schools, grain and tobacco elevators and warehouses, freight and storage warehouses, stables and garages, both private, boarding and livery, and furniture stores occupying two or more floors above street level.

- 3. In Class "3" (Power Service) the assessed demand shall be determined as a percentage of the total connected load as indicated by the manufacturer's rating:**

Where installations are under 10 h. p. 75%
Where installations are over 10 h. p. and less than 50 h. p. 65%
Where installations are over 50 h. p. 55%

- 4. If customer's connected load is permanently decreased, the Demand Charge shall be reduced accordingly. Where customer's connected load is 2 kw. or less, the demand shall be reassessed. If customer's load is in excess of 2 kw. the demand is determined by measurement and the time at which the change in connected load occurs will influence the basis upon which the new Demand Charge will be determined. If the customer's connected load is reduced prior to December 15 of the customer's contract year, the demand may be re-measured and the new demand so ascertained be taken as the basis of the Demand Charge for the remaining portion of the customer's contract year. If the customer's installation be reduced subsequent to December 15 of the customer's contract year, then the new Demand Charge shall be determined upon the basis of the temporary assessed demand as provided in the preceding paragraphs, and such assessed demand will continue to be the basis upon which the customer shall be billed for service until a new demand shall be ascertained by measurement during the months of November, December, January, and February following.**

IV. RESIDENCE LIGHTING SERVICE

To customers contracting for residence electric service with free renewals of company's standard lamps for periods of one year or more, the following rate shall apply:

(A) *Primary charge* of 12 cts. per kw-hr. for—

1. The first 4 kw-hr. consumed per month for each of the first four active rooms;

2. The first 2½ kw-hr. consumed per month for each of the active rooms in excess of the first four.

(B) *Secondary charge* of 5 cts. per kw-hr for all energy consumed per month in excess of that paid for at the primary rate in (a) up to a total of 7 kw-hr. consumed per month per active room.

(C) *Tertiary charge* of 2 cts. per kw-hr. for all energy consumed per month in excess of that paid for at the primary rate (a) and secondary rate (b) or for all energy consumed in excess of 7 kw-hr. per active room per month.

1. The quantity of energy paid for at the primary rate (a) is not included in the energy computed at the secondary rate (b) or at the tertiary rate (c).

2. In determining the number of active rooms, all rooms whether containing light or not shall be counted, except the following: three rooms (which are primarily or may be used as bedrooms, including therein finished attic or garret rooms) bathrooms, basements, garrets, closets and back porch; provided, however, that the number of active rooms to be counted in any single residence or apartment shall not exceed six.

3. A room used as a children's nursery or work room and containing a couch sometimes used as sleeping quarters is not classed as a bedroom.

4. Halls and hallways used and furnished as living rooms and having an area in excess of 120 square feet are classed as active rooms.

5. A part of a room not cut off by partition and door which is generally known as an alcove shall not be counted as an additional active room unless it is furnished and used for a distinctly different purpose or its area exceeds 33⅓% of the total area of the room and alcove.

6. Front, side and back porches with or without lights are not classed as active. Back porches are specifically excepted in rate schedules, as in many cases they are enclosed and used as a summer kitchen, or dining room, and, as such might be taken as a room.

7. Where service for a barn or garage is supplied through the same meter as that through which service for the residence is supplied, all active rooms in garage or barn are added to those of the house and the rate applied.

8. Where separate meters are supplied, a garage or barn shall be treated as a separate residence.

9. All classes of domestic heating and power consuming devices may be supplied through the meter by which the lighting service is measured, in which case this rate shall apply.

Battery charging outfits, refrigerating outfits, non-portable air compressors or vacuum cleaners, or similar apparatus not in use between the hours of 4:30 p. m. and 8:30 p. m., may be supplied through the residence meter.

Motors or other power consuming devices, when connected to residence service meter, must conform to the following rules:

All such motors and devices must be equipped with starting or regulating apparatus to limit automatically the initial current in starting to an amount not exceeding $2\frac{1}{2}$ times the full load current as determined by manufacturer's rating. Motors or other devices having a rated capacity greater than $\frac{1}{2}$ kw. shall be wound for 240 volts and customer shall arrange building wiring and meter loops for three-wire service and meter.

10. Elevators and wireless telegraph apparatus using service intermittently shall not be supplied at residence rates or from residence service connection. Such apparatus must be supplied from power mains and, where a special extension of power service is required, customer shall pay the cost of the necessary extension in accordance with the rules of the company governing such extension of service. Customer shall contract for service for such apparatus at the company's regular power rates.
11. In apartment houses, each apartment shall be classed as a separate residence. The public portions of the building, such as hallways, elevators and enclosures, public dining rooms and kitchens, pantries, etc., connected therewith shall be treated separately. Service for such portions of the buildings may be purchased either under the residence rates (IV) or the standard commercial lighting rates (1-A) at the option of the purchaser. If service is furnished at the residence rate, (IV), the energy charge to be paid for monthly at the primary rate shall be computed upon the basis of one active room per floor (exclusive of basement) multiplied by the number of main entrances to the building, plus the rooms used as kitchens, building storerooms, pantries, dining rooms and offices. The active rooms in janitor's quarters, if supplied through the same meter as public portions of the building, shall be added. Janitor's quarters metered separately shall be treated as a separate residence.
12. The residence schedule shall not be applied to any apartment house wherein the landlord or agent is billed for the entire service consumed in the building and rebills the service to the occupants of the apartments. In such cases, the increment lighting rate (II) shall be used.
13. The residence schedule shall not be applied to customers whose practice it is to have service cut off during the summer months. It shall be applied only to those who sign contracts providing for service by the year and who pay at least the minimum monthly payment provided for in the contract. When company is unable to read meters for any month or months, the quantity of energy to be paid for monthly at the primary rate shall be increased pro rata.
14. Customers occupying a portion of a business building as a residence may combine residence service with commercial lighting service through one meter. In no case, however, shall the residence rate be combined with the commercial lighting rate and residence rates cannot be applied to such combination service.

D. MINIMUM PAYMENTS.

To customers executing company's standard form of residence lighting contract at foregoing rates and using the service for periods of one year or more, the minimum charge shall be 50 cts. per month net.

E. The following shows the various contract forms under which residence service is sold and the application of each form:

| Form No. | Title | Application |
|----------|---|---|
| 1939-W | Contract for residence lighting service. | Residence service for periods of one year or more, Standard Rate. |
| 2399-W | Short-time residence electric lighting service. | Short-time residence electric lighting service. |

V. FLAT RATE DISPLAY LIGHTING

Company will sell service for Flat Rate Display Lighting controlled by company on yearly contracts, on the following basis of monthly payments:

| | Dusk to 11 p. m. 1850 hrs. | Dusk to 12 p. m. 2200 hrs. |
|-------------------------|-------------------------------|-------------------------------|
| 200 watts or less | \$1.93 | \$2.17 |
| 300 watts | 2.90 | 3.25 |
| 400 watts | 3.87 | 4.33 |
| 500 watts | 4.83 | 5.42 |
| 600 watts | 5.80 | 6.50 |
| 700 watts | 6.78 | 7.58 |
| 800 watts | 7.73 | 8.67 |
| 900 watts | 8.70 | 9.75 |
| 1.0 kilowatts | 9.67 | 10.83 |
| 1.5 kilowatts | 14.50 | 16.25 |
| 2.0 kilowatts | 19.33 | 21.67 |
| 2.5 kilowatts | 24.17 | 27.08 |
| 3.0 kilowatts | 29.00 | 32.50 |
| 3.5 kilowatts | 33.83 | 37.92 |
| 4.0 kilowatts | 38.67 | 43.33 |
| 4.5 kilowatts | 43.50 | 48.75 |
| 5.0 kilowatts | 48.33 | 54.17 |
| 6.0 kilowatts | 58.00 | 64.00 |
| 7.0 kilowatts | 66.87 | 73.00 |
| 8.0 kilowatts | 75.00 | 82.00 |
| 9.0 kilowatts | 83.13 | 91.00 |
| 10.0 kilowatts | 91.25 | 100.00 |

- The foregoing flat rates include renewals of carbon filament lamps only and include no other maintenance.
- Company will contract for flat rate display lighting burning during hours other than those specified above, but not less than 1,100 hours per year, and the monthly bill therefor shall be computed as 1/12 of the annual bill determined by the application of the Standard Rate.
- (a) Company will supply and install on yearly contracts renewals of Mazda sign lamps for flat monthly charge of 4 cts. per lamp installed. The foregoing applies to flat rate display lighting or to the equivalent display lighting supplied on a meter basis, providing service is used not to exceed 2,250 hours per year. For such service as is used in excess of 2,250 hours per year the renewals will be furnished at a proportionately increased monthly charge per lamp. The customer shall purchase from the company the first installation of such lamps and all increases thereof, at the company's regular prices.
(b) In case customer wishes to supply Mazda sign lamps in lieu of the carbon lamps, the renewals of which are furnished without charge by the company, customer may do so and receive a

reduction in the rate for service of 75 cts. and 90 cts. per month per kw. of capacity of Mazda lamps for 11 and 12 o'clock burning respectively.

- (c) Company will supply plain Mazda, 5 watt, 12 to 13 volt sign lamps, and supply renewals thereof, at a charge equivalent to \$12.00 per month per kw. of rated consumption of lamps installed. This charge is to be added to the contract rates, after deducting the allowance for carbon lamps.

Plain Mazda $2\frac{1}{2}$ watt, 12 to 13 volt sign lamps will be similarly supplied at a charge equivalent to \$24.00 per month per kw. of rated consumption of lamps installed.

4. Where flashers are installed on signs, the demand and use of lamps on circuits controlled by the flasher shall be taken at 75% of the rated consumption of such lamps.
5. (a) The company will contract to inspect, clean and paint signs once a year, put all renewals in place, and maintain flasher, if any, for 1 ct. per month for each 10 watt carbon or 5 watt Mazda lamp contained in sign.
- (b) On contracts providing for the renewals of Mazda sign lamps in accordance with paragraph 3 (a) hereof, company will contract to inspect, clean and paint signs once a year and maintain flasher, if any, for $\frac{1}{2}$ ct. per month for each 5 watt Mazda lamp and 1 ct. per month for each $2\frac{1}{2}$ watt Mazda lamp contained in sign.

VI. DISCOUNT FOR PROMPT PAYMENT

1. On bills paid at office of company or its authorized collection agencies within ten days of date of bill, a discount of 5% of the first \$25.00 of all bills and 1% on amounts in excess of \$25.00 will be given.
2. On bills for electric service supplied to the federal, county and city governments, paid at the office of the company, or its authorized collection agencies, within 60 days of date of bill, the prompt payment discount provided for in the contract under which such service is sold will be allowed.

VII. SHORT TIME RATES

To customers obtaining service for periods of less than one year and subject to a charge for the cost of connection and disconnection of service and meter, the charge for electrical service shall be computed according to the following schedules and with the prompt payment discount set forth in Section VI, applying thereto, viz.:

A. COMMERCIAL LIGHTING SERVICE.

First 100 kw-hr. during any month 12 cts. per kw-hr.

Next 100 " " " " 10 " " "

Next 100 " " " " 8 " " "

Next 300 " " " " 6 " " "

All energy in excess of 600 kw-hr. during any month 4 cts. per kw-hr.

1. The foregoing rate includes free renewals of company's standard incandescent lamps and renewal allowances on tungsten or other special lamps.
2. When free renewals of company's standard lamps or renewal allowances on tungsten or other special lamps are not obtained by customer, contract for service shall be endorsed "without lamp renewals," and the foregoing rate shall be reduced one-half per cent per kw-hr.
3. For reconnection of meter for the same customer upon the same premises a charge of \$1.50 shall be made.

B. RESIDENCE LIGHTING SERVICE.

1. The rate per kw-hr. for short time residence electric lighting service, subject to the minimum monthly payment of 50 cts. during any month, shall not exceed 12 cts.
2. The foregoing rate includes free renewals of company's standard incandescent lamps and renewal allowances on tungsten or other special lamps.
3. For reconnection of meter for the same customer upon the same premises a charge of \$1.50 shall be made.

C. POWER SERVICE.

First 100 kw-hr. during any month 8 cts. per kw-hr.

Next 100 " " " " 6 " " "

Next 100 " " " " 5 " " "

Next 300 " " " " 4 " " "

All energy in excess of 600 kw-hr. during any month 3 cts. per kw-hr.

1. The foregoing rate is subject to the minimum monthly payment specified in Section II.
2. For reconnection of meter for same customer upon the same premises a charge of \$1.50 shall be made.

VIII. RENTAL OF METERS

- A. In case the customer desires integrating watt-meters installed to measure the consumption of electrical energy by various floors, departments or tenants, company will install such meters upon yearly contracts and charge therefor the following:

Charge for Installation

| Size and type of meter | One meter | Additional meters installed at same time as first meter, each | Annual rental charge payable in 12 equal monthly installments or otherwise as agreed upon |
|---|-----------|---|---|
| Single phase and direct current: | | | |
| 10 amp and smaller | \$1.00 | \$0.50 | \$3.00 |
| 15 amp. to 75 amp. | 1.50 | .75 | 6.00 |
| 100 amp. to 300 amp. | 3.00 | 1.00 | 12.00 |
| 3 phase meters: | | | |
| 5 amp. to 25 amp. | \$1.50 | \$0.75 | \$6.00 |
| 50 amp. to 150 amp. | 3.00 | 1.00 | 12.00 |

The company will not obligate itself to supply the readings of the individual meters, nor assume any responsibility for their accuracy.

- B. Should customers desire any rented meters tested and report thereon made, the company will make such test and report and charge therefor the following:

Charge for Testing and Report.

| Size of meter | One meter | Additional meters tested at same time as first meter, each |
|--------------------------|-----------|--|
| 5 amp. to 25 amp. | \$2.00 | \$1.00 |
| 40 amp. to 150 amp. | 2.50 | 1.50 |

IX. RATE FOR CHARGING ELECTRIC AUTOMOBILES

Current, 5 cts. per kw-hr. Consumer must furnish rectifier.

X. RULES CONCERNING CUSTOMERS' DEPOSITS

1. Customers who have no established credit rating are required to furnish a financially responsible guarantor, or make a cash deposit equal in amount to two months' estimated bills. Minimum deposits in all cases to be \$5.00.
 2. Customers who shall have failed to make full payment to the company of all previous service bills are required to pay all such bills before service will be furnished.
 3. Customers who shall have failed to make full payment to the company of all previous service bills are also required to make the cash deposit specified in rule "1."
 4. Interest at the rate of 5% per annum will be paid on renewal or withdrawal of deposit.
- Meters are owned by the utility.
No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

- 40—600 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning all night, every night. Rate \$48.74 per lamp per year.
- 119—100 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning all night, every night. Rate \$22.04 per lamp per year.

ORNAMENTAL:

None.

WILD ROSE.

(Population, 551.)

THE ROSE MILLING CO.

Method of generation, steam and hydraulic.

Daily operating period, dusk to 11 p. m. and 5 a. m. to daylight.

Commercial Lighting.*Five Ampere Installation:*

Minimum monthly bill \$1.00.

| | |
|--|---------|
| First 6 kw-hr. consumed during the month | 17 cts. |
| Next 50 " " " " | 13 " |
| Next 50 " " " " | 12 " |
| Next 50 " " " " | 10 " |
| All above that amount..... | 7½ " |

Ten Ampere Installation:

Minimum monthly bill \$1.10.

| | |
|--|---------|
| First 7 kw-hr. consumed during the month | 17 cts. |
| Next 50 " " " " | 13 " |
| Next 50 " " " " | 12 " |
| Next 50 " " " " | 10 " |
| All above that amount..... | 7½ " |

If bills for current consumed during the preceding month are not paid by the 15th of the month said bill to be increased 10%.

Rates for Moving Picture Machines.

Minimum charge per month on a 40 ampere installation \$7.00.

Minimum charge per month on a 50 ampere installation \$8.00

| | |
|----------------------------|--------------------|
| First 100 kw-hr. per month | 17 cts. per kw-hr. |
| Next 100 " " " | 15 " " " |
| Next 100 " " " | 13 " " " |
| Next 100 " " " | 10 " " " |
| All over 400 " " " | 7½ " " " |

Company furnishes separate transformers, meter, cut-outs, and service wires in position on an installation charge of \$10.00,

said \$10.00 to be refunded to customer in case the service is maintained for one year.

RULES RELATING TO DISCONNECTION OF LINES:

Lines are left up for one year after service is discontinued. If service is restored within one year after service wires are taken down, a reconnection charge of \$3.50 is made.

Meters are owned by the utility.

No charge for connecting a building to the line, except that \$1.00 is charged for installing and testing the meter, and if said meter remains in service for a period of one year the dollar is refunded. If meter is taken out before the expiration of one year no refund is allowed.

Street Lighting.

GENERAL:

22—250 watt, 110 volt, a. c. multiple tungsten lamps, burning on a dusk to 11 p. m. moonlight schedule. Rate \$39 per lamp per year.

ORNAMENTAL:

None.

WILLIAMS BAY.

(Population, 400.)

SOUTHERN WISCONSIN ELECTRIC CO.

Method of generation, steam and hydraulic.

Daily operating period, continuous.

PART I.

Commercial Lighting.

Primary—15 cts. net, 16 cts. gross per kw-hr. for the first 30 hours' use per month of active load.

Secondary—13 cts. net, 14 cts. gross per kw-hr. for the next 60 hours' use per month of active load.

Excess—7 cts. net, 8 cts. gross per kw-hr. for all in excess of 90 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

Class A shall include residences, dwellings, flats, rooming houses, hotels, sanitariums, hospitals, Y. M. C. A., and clubs in which meals and rooms are furnished. In this class 60 per cent of the first 500 watts connected, and 33⅓% of all in excess of 500 watts connected shall be deemed active if the connected load is equivalent to 50 watts or more per opening. If the connected load is equivalent to less than 50 watts per opening, 60 per cent of the first 500 watts connected, 33⅓% of the next 1,500 watts connected, and 20% of all in excess of 2,000 watts connected shall be deemed active.

Class B shall include banks, offices, stores, shops, saloons, billiard and pool halls, depots, theaters, lodge rooms, and clubs not includable in Class A. In this class 70% of the first 2.5 kw. connected and 55% of all in excess of 2.5 kw. connected shall be deemed active.

Class C shall include public buildings, schools, churches, factories, warehouses, stables, and garages. In this class, 55% of the total connected load shall be deemed active. For all lighting installations exceeding 5 kw. connected load, the active load shall, at the consumers' option, be determined by maximum demand meters. The connected load shall be represented by the total wattage of lamps connected.

Minimum Charge:

| | | |
|-------------|----------------------|-------------------|
| Under | 1 kw. connected load | \$0.60 per month. |
| From 1 to 2 | " " " | .80 " |
| From 2 to 5 | " " " | 1.25 " |
| Over | 5 " " | 2.25 " |

FLAT RATE SERVICE:

For window lighting, sign lighting and other lighting on company's patrol service or controlled by time switch set by the company:

1½ cts. per month per watt connected less 10% discount if bills are paid within 10 days after date of billing.

Commercial Power.

Primary—7½ cts. net, 8½ cts. gross per kw-hr. for the first 15 hours' use per month of active load.

Secondary—5½ cts. net, 6½ cts. gross per kw-hr. for the next 30 hours' use per month of active load.

Excess—3 cts. net, 4 cts. gross per kw-hr. for all in excess of 45 hours' use per month of active load.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Active load to be determined as follows:

| | |
|---|------------------------|
| 90 per cent of the first 10 h. p. installed | shall be deemed active |
| 75 " " next 20 " " | " " " |
| 60 " " next 30 " " | " " " |
| 50 " " all over 60 " " | " " " |

Minimum Charge:

75 cts. per month for the first h. p. connected and 25 cts. per month for each additional h. p. connected.

For power used during off-peak hours and measured on the primary side of the power transformers, or if primary motors are used, installation to be 50 h. p. or above; regular power rate with 4 cts. per kw-hr. maximum price guarantee.

Cooking and Heating

Primary—10 cts. net, 10½ cts. gross per kw-hr. for the first 10 kw-hr. used per month.

Secondary—2½ cts. net, 3 cts. gross per kw-hr. for all over 10 kw-hr. used per month.

The difference between gross and net rate shall constitute a discount if bills are paid within 10 days after date of billing.

Minimum Charge:

\$24.00 per year up to and including 6 kw. of aggregate connected load.

\$4.00 per year for each additional kw. of aggregate connected load.

Wholesale Light and Power.

Primary Charge—\$2.40 per month per kw. of maximum demand up to and including 50 kw.

\$2.00 per month per kw. of maximum demand over 50 kw.

Secondary Charge—5 cts. per kw-hr. for the first 1,00 kw-hr. used per month.

3 cts. per kw-hr. for the next 4,000 kw-hr. used per month.

1.1 " " " " 25,000 " " "

0.9 " " " " for all over 30,000 " " "

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

The company shall have the right at any time to require the customer to make a reasonable deposit in advance to secure the payment of bills, such deposit, if requested by the customer, to bear interest as provided in receipt issued by the company.

PART II.

Rates for all year service outside village limits. See Part II of Delavan schedule.

PART III.

Rates for summer service. See Part III of Delavan schedule.
Street Lighting.
 None.

WILMOT.

(Population, 475.)

CAREY ELECTRICAL & MILLING CO.

Method of generation, hydraulic and gas.
 Daily operating period, continuous.

Commercial Lighting.

Minimum charge per month \$1.00.
 Current 13 cts, per kw-hr.

Commercial Power.

Minimum charge per month \$0.75 per h. p. connected.

| | | |
|---|----|-----------------|
| First 10 kw-hr. per month per h. p. connected | 10 | cts. per kw-hr. |
| Next 10 " " " " | 8 | " " |
| Next 10 " " " " | 5½ | " " |
| All over 30 " " " " | 3 | " " |

Discount of 1 ct. per kw-hr. on all bills if paid by the 10th of the month following that for which service was rendered. Additional discount of 10% on bills from \$5 to \$10 and 10% on bills over \$10.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

None.

WILTON.

(Population, 510.)

WILTON LIGHT & POWER CO.

Method of generation, hydraulic.
 Daily operating period, continuous.

Commercial Lighting.

Current, 12½ cts. per kw-hr.

Following discounts allowed if bills are paid within 10 days from date:

| | |
|---------------------|--------------|
| First 20 kw-hr..... | 10% discount |
| Next 30 " | 20% " |
| All over 50 " | 30% " |

Meters are owned by the utility.

Consumers are charged the cost of wire used for connection with lines.

Street Lighting.**GENERAL:**

26—60 watt, 220 volt, d. c., multiple tungsten lamps, burning from dusk to 11 p. m. Rate \$22.75 per lamp per year.

ORNAMENTAL:

None.

WINECONNE.

(Population, 940.)

WINNECONNE HEAT, LIGHT AND POWER CO.

Method of generation, gas producer.

Daily operating period, continuous.

Commercial Power.

Minimum monthly bill, \$1.00.

From 1 to 9 kw-hr. during the month, 20 cts.

| | | | | | | |
|---|-------------|---|----|---|----|----|
| " | 10 | " | " | " | 19 | " |
| " | 11 | " | 14 | " | " | 18 |
| " | 15 | " | 20 | " | " | 17 |
| " | 21 | " | 24 | " | " | 16 |
| " | 25 | " | 30 | " | " | 15 |
| " | 31 | " | 34 | " | " | 14 |
| " | 35 | " | 40 | " | " | 13 |
| " | 41 | " | 44 | " | " | 12 |
| " | 45 | " | 50 | " | " | 11 |
| " | 50 and over | " | " | " | " | 10 |

Discount 5% if paid by the 10th of the month.

Some meters are owned by the consumers and some by the utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

44—60 watt, 112 volt, d. c., multiple tungsten lamps, burning on an all-night moonlight schedule. Current metered at 17 cts. per kw-hr.

ORNAMENTAL:

None.

WITHEE.

(Population, 443.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, sunset to midnight.

Commercial Lighting.**METER RATES:**

Service charge: 25 cts. per meter per month.

Output charge: 14 cts. gross, 13 cts. net per kw-hr.

Discount to apply if bill is paid before the 15th of month following month for which bill is rendered.

FLAT RATES:

The utility shall not be required, at its own expense, to furnish or install meters for any consumer using less than four 50-watt units, or the equivalent thereof, in any one building, and the utility is authorized to charge residence consumers using two or more such units a flat rate of 50 cts. per month per unit for the first two units or equivalent. For each 50-watt unit or equivalent in addition to the first two the charge shall be 35 cts. per month per unit or equivalent.

For commercial consumers using two or more 50-watt units or equivalent the charge shall be 75 cts. per month per unit for the first two units or equivalent, and 50 cts. per month per unit for each additional 50-watt unit or equivalent; or the utility may, at its own option, install a meter for any such consumer, in which event the rate shall be as specified above.

PENALTY:

10% shall be added to all flat rate bills if not paid before the 15th of month following month for which bill is rendered.

MINIMUM RATE:

In every case where a meter is installed the minimum charge is \$1.00 per month. For flat rate customers the minimum charge is \$1.00 per month in residences and \$1.50 per month in places of business.

Meters are owned by the consumers.

Consumers pay the cost of connecting building with lines.

Street Lighting.**GENERAL:**

12—250 watt, 220 volt d. c. multiple tungsten lamps burning on a moonlight midnight schedule. Rate \$50 per lamp per year.

8—100 watt, 220 volt d. c. multiple tungsten lamps burning on a moonlight midnight schedule. Rate \$31 per lamp per year.

ORNAMENTAL:

None.

WITTENBERG.

(Population, 1,090.)

WITTENBERG ELECTRIC CO.

Method of generation, hydraulic and steam.

Daily operating period, dusk to dawn.

Commercial Lighting.**METER RATES:**

Minimum monthly charge, \$1.00.

Current 12 cts. per kw-hr.

The following discounts will be allowed if paid within 10 days from date of bill:

15 to 50 kw-hr. 10% discount.

50 " 100 " 15% "

100 " 250 " 20% "

250 " 500 " 25% "

Government Indian school, 9½ cts. net per kw-hr.

Homme's Orphan Home and Old Folks' Home, 8 cts. net per kw-hr.

FLAT RATES:

\$1.00 per month not exceeding four lamps.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines

Street Lighting.**GENERAL:**

15—400 c. p., 6.6 ampere, a. c. series gas filled tungsten lamps, burning on a dusk to midnight-moonlight schedule.

3—400 watt, 110 volt, a. c., multiple gas filled tungsten lamps, burning on an all-night every-night schedule.

The flat charge of \$1,000 per year includes current furnished for 18 street lamps and for lighting the village hall.

ORNAMENTAL:

None.

WONEWOC.

(Population, 789.)

MUNICIPAL PLANT.

Method of generation, steam.

Daily operating period, dusk to daylight.

Commercial Lighting.

Minimum charge per month, \$0.75.

Current, 9 cts. per kw-hr.

Penalty of 5 cts. per kw-hr. if bill is not paid within ten days from date.

Meters are owned by the utility.

A charge of \$1.00 is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

65—60 c. p., 6 ampere, a. c. series tungsten lamps, burning on an all-night moonlight schedule. Rate \$15 per lamp per year.

ORNAMENTAL:

None.

WOODLAND.

(Population, 250.)

WOODLAND LIGHT & POWER CO.

Method of generation —

Daily operating period —

Commercial Lighting.

Minimum charge per month, \$1.00.

Current, 15 cts. per kw-hr.

Meters are owned by utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.

No data.

WOODVILLE.

(Population, 350.)

BURKHARDT MILLING & ELECTRIC POWER CO.

Method of generation, hydraulic.

Daily operating period, continuous.

Commercial Lighting.

Current, 12½ cts. per kw-hr.

Minimum monthly charge, \$1.00 per month with a 20% discount if paid before the first of the month.

Discounts, if bills are paid by the first of the month:

Monthly bills up to 40 kw-hr. 20%

" " 40 to 60 kw-hr. 25%

" " 60 to 100 kw-hr. 30%

" " 100 to 150 kw-hr. 35%

" " 150 kw-hr. or over 40%

Cooking Rate.

Minimum charge per month, 75 cts.

Current 3 cts. per kw-hr., with a discount of 10% if bills are paid within 10 days from date.

Commercial Power.

Minimum monthly charge:

\$1.35 per h. p. for the first h. p.

\$1.00 per h. p. for each additional h. p.

Current, 5 cts. per kw-hr.

31—E. R.

Discounts:

| | |
|---|-----|
| For motors using 50 kw-hr per month per h. p. | 20% |
| " " " 75 " " " | 30% |
| " " " 100 " " " | 40% |
| " " " 150 " " " | 50% |

Where service has been discontinued, a charge of \$1.00 is made for reconnection.

Meters are owned by the utility.

No charge is made for connecting consumer's premises with lines.

Rural Service.

Current, 10 cts. per kw-hr.

Discount if bills are paid by the 10th of the month:

| | |
|-------------------------------|-----|
| Monthly bills up to 40 kw-hr. | 20% |
| " " 40 to 60 kw-hr. | 25% |
| " " 60 to 100 kw-hr. | 30% |
| " " 100 to 150 kw-hr. | 35% |
| " " 150 kw-hr. or over | 40% |

Minimum charge of \$3.13 per month for electric lights and appliances, including one 1 h. p. motor, and \$1.25 per month for each additional h. p. 20% discount if paid before the 10th of the month.

Rate for Motors Used for Silo Fillers.

30 cts. per h. p. per day.

All motors of 15 h. p. and larger to be three phase.

Customers required to build their own lines to company's power line and furnish all apparatus except meters.

Street Lighting.**GENERAL:**

15—100 watt, 110 volt, a. c. multiple tungsten lamps, burning all night, every night. Rate \$20 per lamp per year.

ORNAMENTAL:

None.

WYOCENA.

(Population, 425.)

COLUMBIA COUNTY LIGHT & POWER CO.

Method of generation, hydraulic and steam auxiliary.

Daily operating period, dusk to 11 p. m. and 5 a. m. to dawn.

Commercial Lighting.**METER RATES:**

Minimum monthly bill. 50 cts.

Current, first 10 kw-hr. 10 cts. per kw-hr.; over 10 kw-hr. 5 cts. per kw-hr.

FLAT RATES:

25 cts. per 16 c. p. lamp per month.

Columbia county asylum 347 16 c. p. lamps, \$64.25 per month.

Meters are owned by the consumers and utility.

No charge is made for connecting consumer's premises with lines.

Street Lighting.**GENERAL:**

16—32 c. p., a. c. tungsten lamps, burning from 7 to 11 p. m. in summer and from 4:30 to sunrise in winter. Rate \$16 per lamp per year.

ORNAMENTAL:

None

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